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BARRETT

CRAVENS

COMPANY

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CATALOG 501

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BARRETT

LIFT-TRUCKS

PORTABLE

STORAGE RACKS
BARREL TRUCKS

BARRETT

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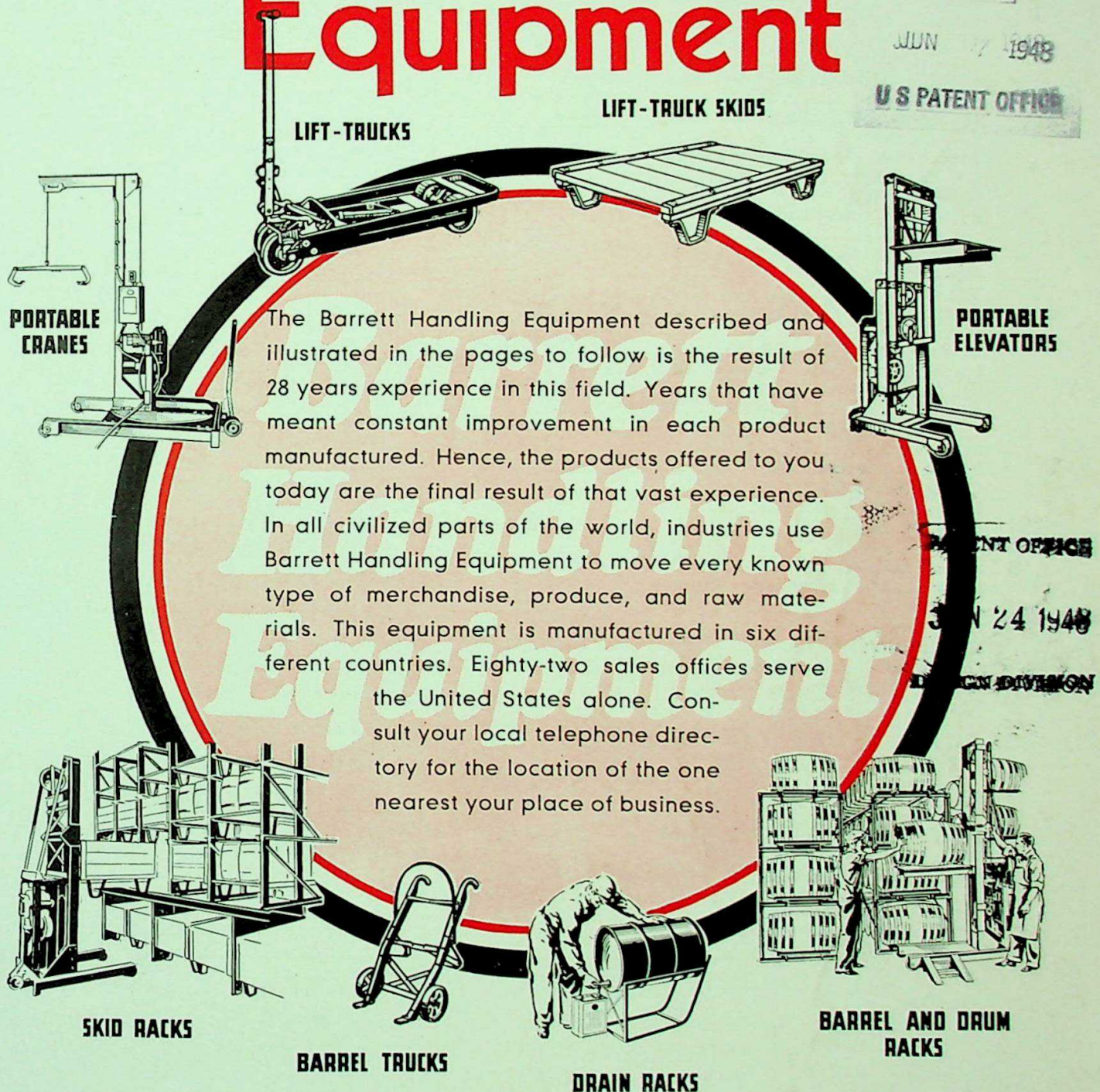
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HAND BOOK OF Material Handling Equipment

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BARRETT-CRAVENS CO.

3265 WEST 30TH STREET, CHICAGO, ILLINOIS
EASTERN PLANT AT HILLSIDE, N. J.

63383

Printed in U. S. A.

GENERAL REFERENCE

CATALOG No. 501

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GUARANTEE—

We guarantee to replace free of charge, at any time, any parts that break due to defective material or workmanship, if broken parts are returned to us for examination, charges prepaid.

BARRETT-CRAVENS COMPANY.

NOTE—The TAB COVER on this catalog is for filing convenience. Place it in section "B" of your purchasing or engineering file, for immediate reference.

BARRETT

HANDLING EQUIPMENT



FORGE MANPOWER INTO HORSEPOWER

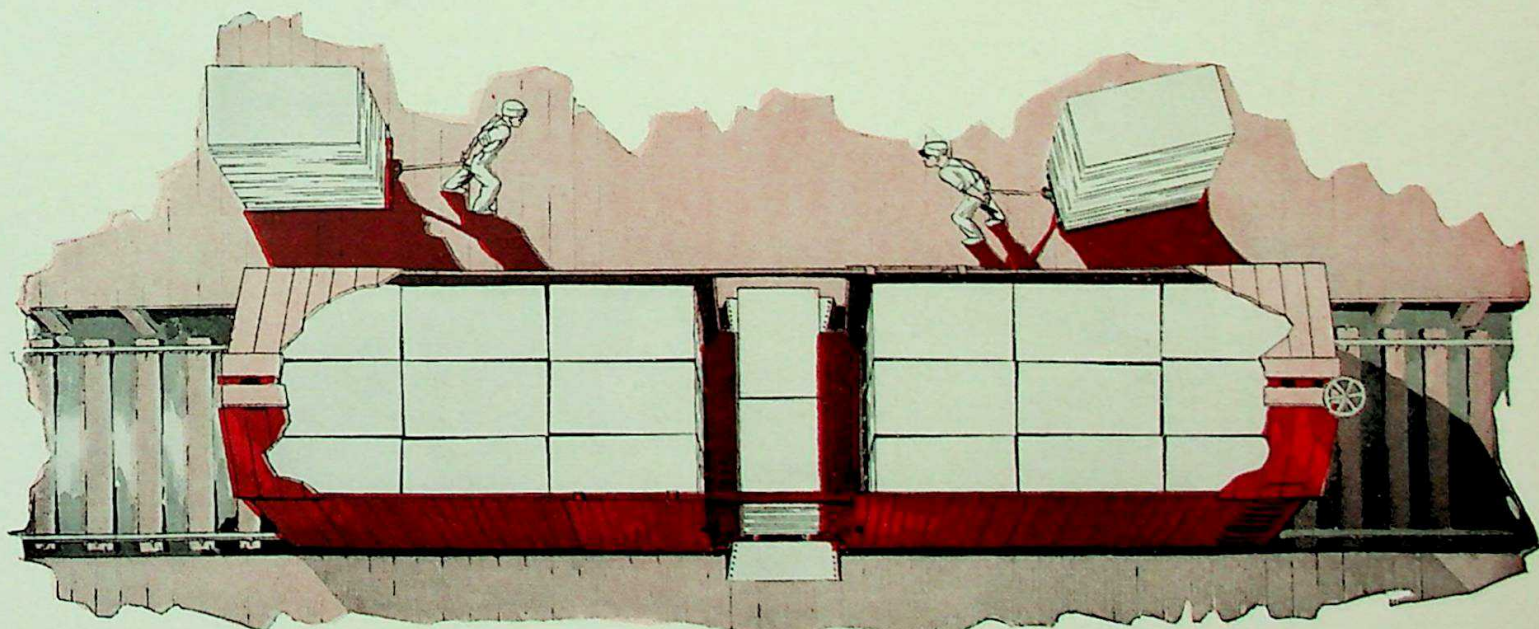
In the industrial handling of raw materials, equipment, merchandise, and produce, Barrett Lift-trucks actually forge manpower into horsepower. But their final story is told on your accounting ledgers. It is one of real cash economy.

To accomplish this Barrett Equipment saves time and labor in handling your particular product. It enables one man to handle 6,000 pounds of merchandise where he formerly handled only 500 pounds. In doing this Barrett places in your service a controlled lever, heavy cushions of oil, the smooth rotating motion of roller bearings, and cuts the manual labor of handling, re-handling, and storing materials to a minimum.

How this service can be applied to your industry

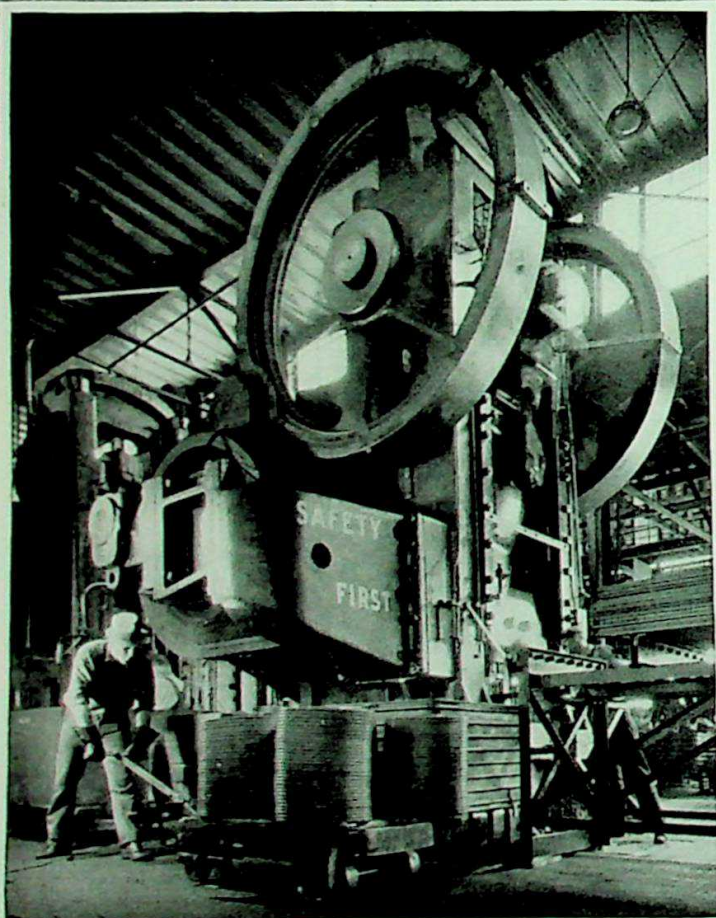
is told in the pages of this catalogue. The several types of Barrett Lift-trucks are described and illustrated in detail—that new system of “shipping on skids” is explained—followed by Portable Elevators that stack goods ceiling high—and Storage Rack Systems that let you forget the floor space and use, with safety, the cubic feet of space at your disposal.

Business executives, who intelligently search for methods to reduce expense and increase efficiency, are invited to accept the service of our engineering department. In the handling of materials they will show you new methods and give you real facts—complete and tangible evidence that your present handling costs can be reduced.





528



529

REGARDLESS OF WHAT IS Barrett makes a

Barrett Handling Equipment puts action into any business. One of the largest private warehouses in America—serving nine huge retail outlets of the department store type—use over seventy-five Barrett Lift-trucks and almost two thousand Barrett Steeleg Platforms to handle their rapidly moving merchandise with speed and safety. In the vast shops of the Bendix Corporation, Barrett Equipment is again in action—moving dies—castings—carburetors—motor and aeroplane parts—and other of the many Bendix products from one process to another.

Regardless of the physical shape, weight or size of the units handled in your factory, warehouse or storeroom, there is available a Barrett Lift-truck that will handle them quicker, safer and at a lower cost per unit. So confident are we of this statement that we will gladly submit a Lift-truck and two sample Steeleg Platforms for 15 days FREE TRIAL. This is so you may try the Barrett System in your own plant, under your own conditions and with yourself as the sole judge.

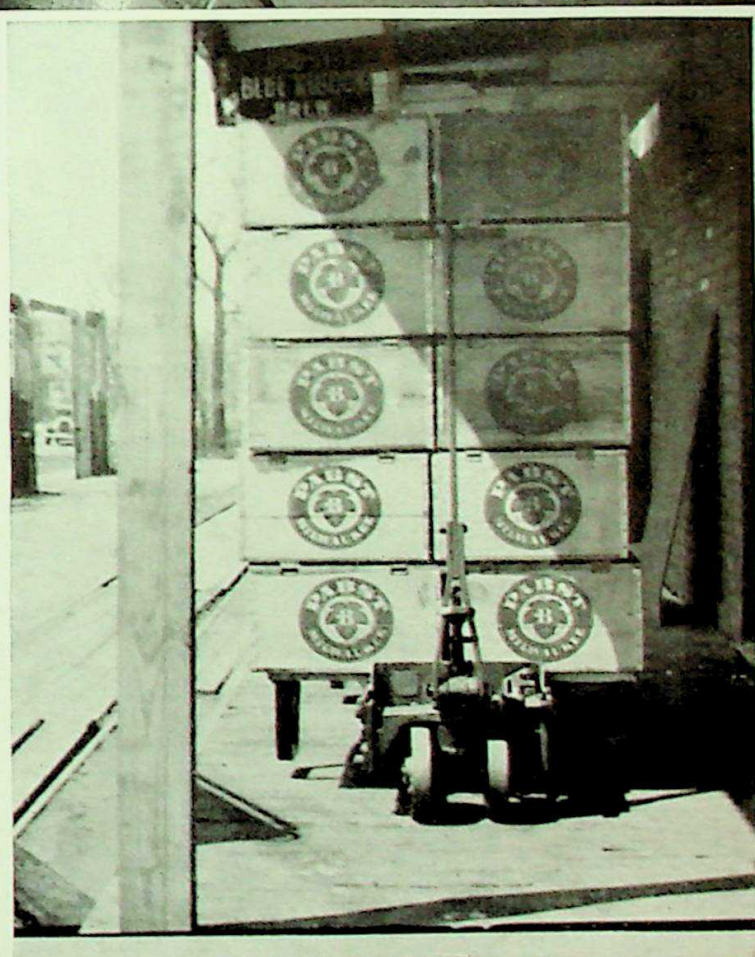


HANDLED ABOUT THE PLANT one man job of it

Here is a complete handling and storage system engineered by Barrett. Raw and finished products are economically handled with Barrett Lift-trucks and bin type Steeleg Skids. A Barrett Skid Storage Rack provides uniform and economical storage for them—served by an electrically operated Barrett Elevator. The Barrett Barrel Truck in the foreground is more fully described on page 156.

The use of Barrett Equipment is not confined to "heavy" industries and heavy merchandise. It is used in handling dairy products—by distillers—in bottling plants—and potteries. It handles fine furniture—hides—concrete blocks—and printer's paper. Regardless of what is handled—raw material—merchandise—and produce—or moving machinery about the plant, Barrett Equipment makes a one man job of it.

Don't overlook the FREE TRIAL offer.



PATENT OFFICE

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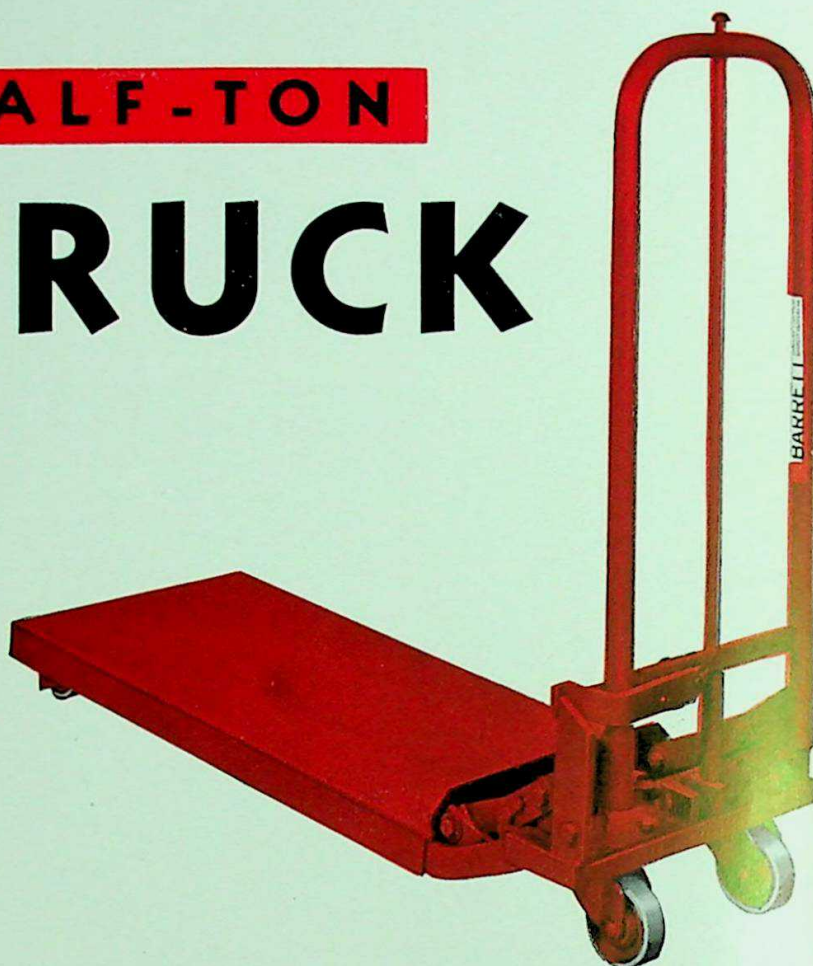
JUN 24 1948

DESIGN DIVISION

BARRETT HALF-TON**LIFT TRUCK****HT LINE**

WIDTH, 18" LIFT 2"

NO RELEASE CHECK

**SINGLE STROKE TYPE . . . 1000 LBS. CAPACITY . . . BALL BEARING**

APPLICATION—For anyone having loads ranging from 250 to 1000 pounds. A light duty Lift-Truck that even women find easy to use. Can be used as a Lift-Truck or an ordinary Floor Truck. Made in four heights—one low enough to enable anyone to make skids out of ordinary undressed 2" x 4" lumber—for less than 50c each.

OPERATION—Quick—simple. Just pull down the bar handle and the load is elevated. **ONE STROKE.** Press the thumb handle release and ease the handle upward and the load settles to the floor. No tugging—straining or hard exertion. A full 2" lift. Push or pull the loads by merely

using the wide-spread, comfortable bar handle. Can be used with or without skids. Operates in small area.

CONSTRUCTION—Steel throughout. Simple, yet sturdy. Made in four heights of 3½", 6", 7" and 9", to work with all standard Lift-Truck Skids or inexpensive all-wood ones made with ordinary 2" x 4" runners. The same high-grade Barrett quality built into this truck assures long life and maintenance-free operation. Made only in one width—18". Front casters—there are two of them for greater stability—are Ball Bearing swivel.

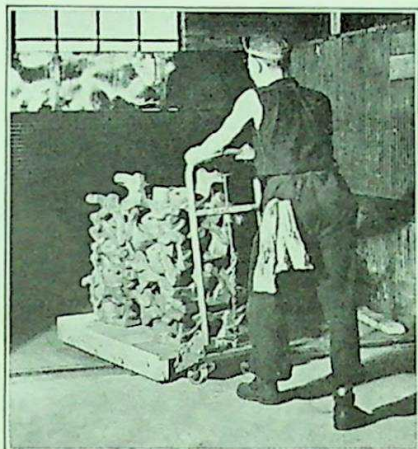
Specifications in Inches

Models	Maximum Platform Handled	Minimum Platform Handled	Frame Height		Length of Carrying Frame	Overall Length
			Lowered	Raised		
HT-330	36 x 42	24 x 30	3½	5½	30	40½
HT-336	36 x 48	24 x 36	3½	5½	36	46½
HT-348	36 x 60	24 x 48	3½	5½	48	58½
HT-360	36 x 72	24 x 60	3½	5½	60	70½
HT-630	36 x 42	24 x 30	6	8	30	42¾
HT-636	36 x 48	24 x 36	6	8	36	48¾
HT-648	36 x 60	24 x 48	6	8	48	60¾
HT-660	36 x 72	24 x 60	6	8	60	72¾
HT-730	36 x 42	24 x 30	7	9	30	40¾
HT-736	36 x 48	24 x 36	7	9	36	46¾
HT-748	36 x 60	24 x 48	7	9	48	58¾
HT-760	36 x 72	24 x 60	7	9	60	70¾
HT-930	36 x 42	24 x 30	9	11	30	42¾
HT-936	36 x 48	24 x 36	9	11	36	48¾
HT-948	36 x 60	24 x 48	9	11	48	60¾
HT-960	36 x 72	24 x 60	9	11	60	72¾

SINGLE STROKE TYPE

BARRETT HALF-TON

576



The HALF-TON ($\frac{1}{2}$) is intended for those companies having light loads ranging from 250 to 1000 pounds or where women and girls have to do with transporting materials from one operation to another.

In addition, it has been designed to save floor space and provide both a Lift-Truck and general service Floor Truck. Use it with or without skids. Push it or pull it.

Made in four heights— $3\frac{1}{2}$ ", 6", 7" and 9" high when lowered—to work with all standard Lift-Truck Skids. Or, if you prefer, build your own skids, using ordinary undressed 2 x 4's for the runners. The $3\frac{1}{2}$ " high HALF-TON ($\frac{1}{2}$) will handle them perfectly, and the skids will cost you less than 50c each built in your own plant.

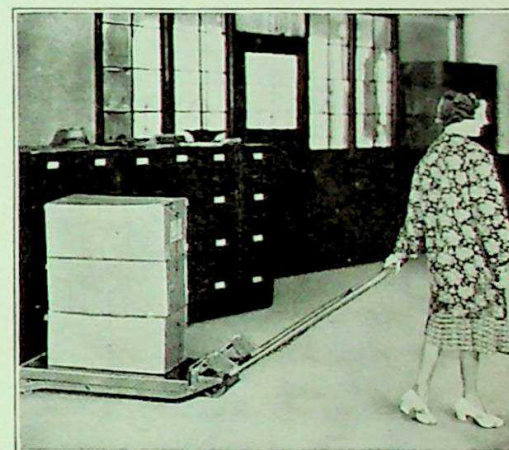
Safe—easy operating—low maintenance. All of these factors have been taken into consideration. Here is a truck that will give satisfactory service over a long period of time.



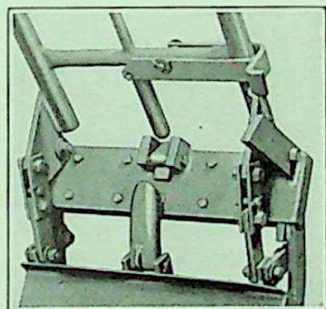
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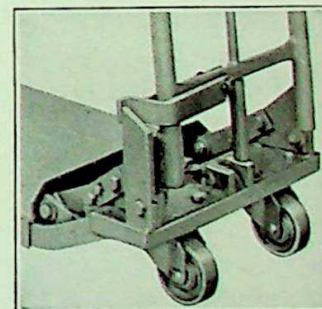
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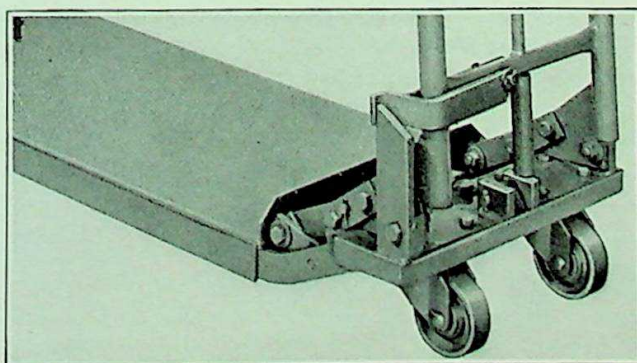
579. POSITIVE LATCH

FREE TRIAL

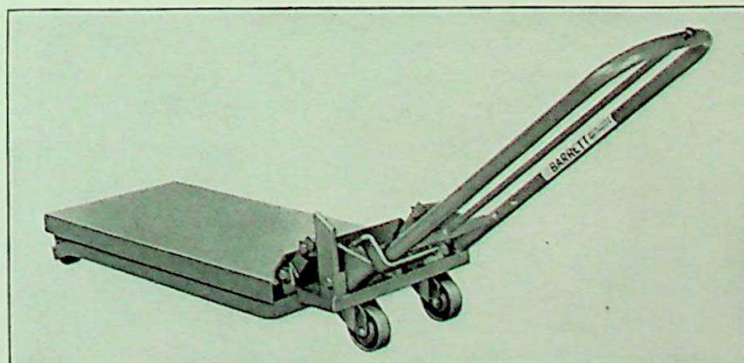
So you may try it out in your own plant—and with yourself as the sole judge—we are agreeable to sending one for 15 days FREE TRIAL—freight prepaid. Use it—abuse it. If it isn't all we claim for it, return it.



580. TWO SWIVEL CASTERS IN FRONT FOR STABILITY



574

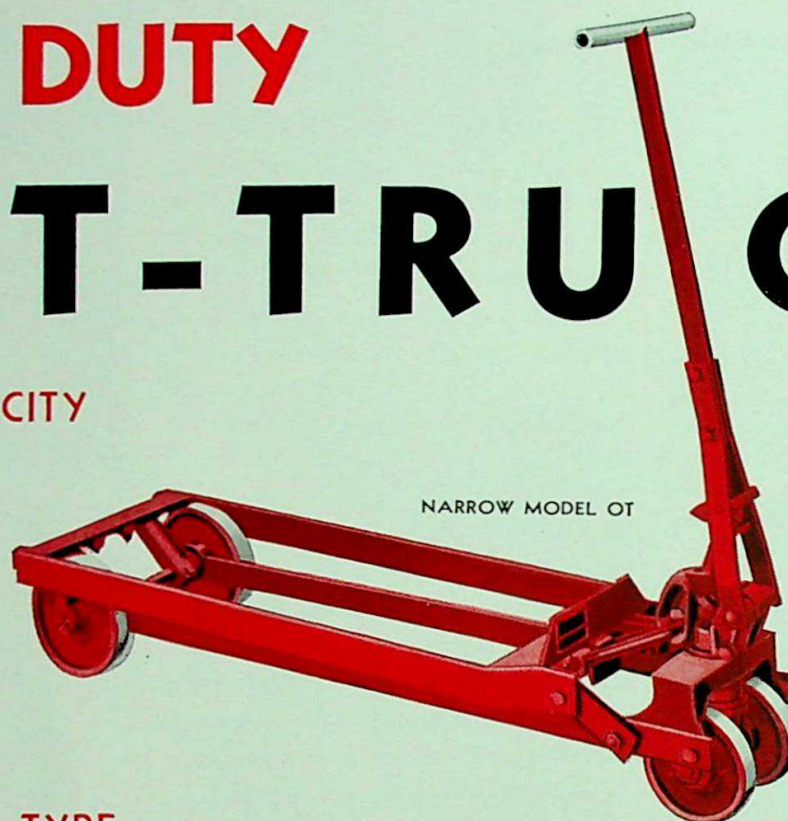


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ONE TON MODEL LIGHT DUTY LIFT-TRUCKS

2000 LBS. CAPACITY

NO HYDRAULIC
CHECK



NARROW MODEL OT

OT LINE
SINGLE STROKE TYPE

MODELS

NARROW-STANDARD . 17 $\frac{3}{8}$ "

OT lift 2"

OTL lift 2 $\frac{1}{2}$ "

WIDE-STANDARD . . . 23 $\frac{7}{8}$ "

OTK lift 2"

OTKL lift 2 $\frac{1}{2}$ "

APPLICATION

Intended for work where loads do not exceed 2,000 pounds in weight. The narrow OT model handles loads up to 36 inches in width—the wide OTK model moves loads up to 48 inches wide. The Barrett One-Ton is especially suited for work where a fast operating Lift-truck is essential. Ideal for use out of doors and in refrigerators. Handles any make and type of skid.

OPERATION

Simple—safe—quick. There's no preliminary engaging of

foot pedals or other gadgets—one quick stroke of the handle lifts the load. Patented compound lifting mechanism means a guaranteed 25% easier lift. Once raised to full height, the load is securely locked in a **double action latch** and the handle becomes disengaged, ready for towing. This action is entirely automatic—it requires no effort on the part of the operator. To lower the load, operator steps on release treadle and lowers handle to position where he is able to take the weight of the load on to the handle and safely control its descent. Load is always within operator's control.



Side view of positive locking holding latch just before engagement.

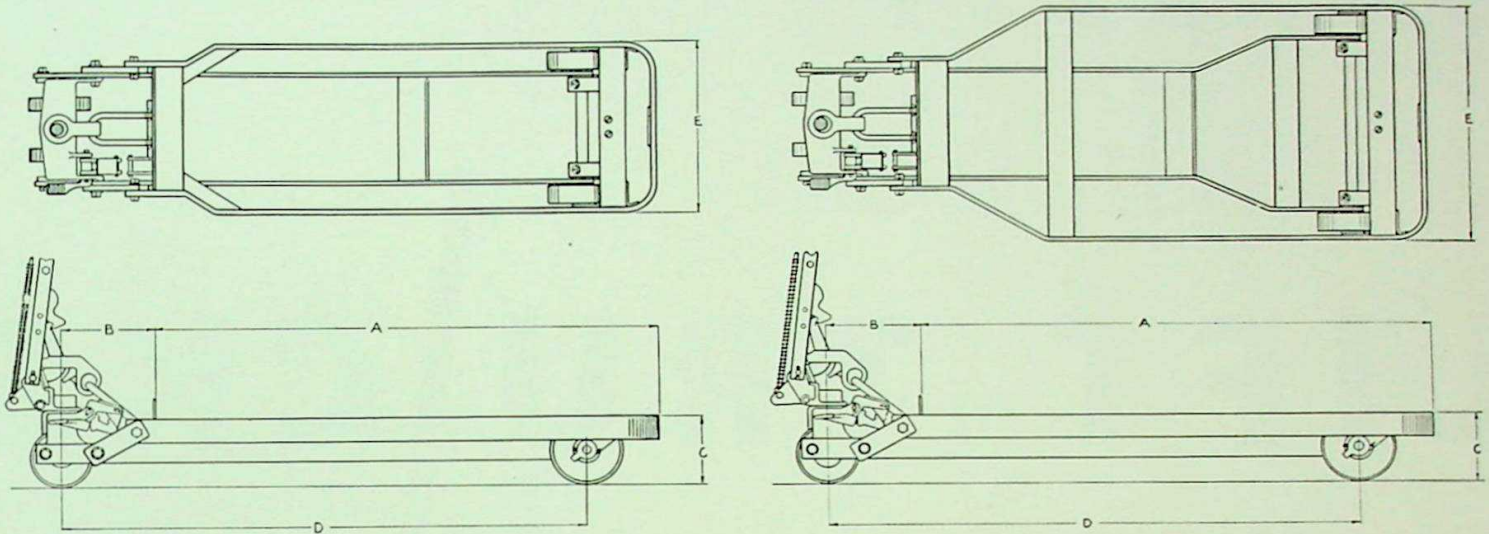


This view shows the latch fully engaged in a locked position that can only be released by stepping on the release pedal.



Front view showing the wide spread front wheels and the low turntable.

ONE TON MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

OT NARROW MODEL 17 $\frac{3}{8}$ "					NARROW AND WIDE MODELS					23 $\frac{3}{8}$ " WIDE MODEL				OTK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	*Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length		Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length						Length	Width	Length	Width	
OT-624	23	18	36	36	24 $\frac{1}{8}$	6	28 $\frac{5}{8}$	38 $\frac{3}{4}$		36	48	18	28	OTK-624
OT-630	23	24	36	42	30 $\frac{1}{8}$	6	34 $\frac{5}{8}$	44 $\frac{3}{4}$		42	48	24	28	OTK-630
OT-636	23	30	36	48	36 $\frac{1}{8}$	6	40 $\frac{5}{8}$	50 $\frac{3}{4}$		48	48	30	28	OTK-636
OT-642	23	36	36	54	42	6	46 $\frac{5}{8}$	56 $\frac{3}{4}$		54	48	36	28	OTK-642
OT-648	23	42	36	60	48	6	44 $\frac{5}{8}$	62 $\frac{3}{4}$		60	48	42	28	OTK-648
OT-654	23	48	36	66	54	6	52 $\frac{5}{8}$	68 $\frac{3}{4}$		66	48	48	28	OTK-654
OT-660	23	54	36	72	60	6	56 $\frac{5}{8}$	74 $\frac{3}{4}$		72	48	54	28	OTK-660
OT-724	23	18	36	36	24 $\frac{1}{8}$	7	28 $\frac{1}{4}$	38 $\frac{3}{4}$		36	48	18	28	OTK-724
OT-730	23	24	36	42	30 $\frac{1}{8}$	7	34 $\frac{1}{4}$	44 $\frac{3}{4}$		42	48	24	28	OTK-730
OT-736	23	30	36	48	36 $\frac{1}{8}$	7	40 $\frac{1}{4}$	50 $\frac{3}{4}$		48	48	30	28	OTK-736
OT-742	23	36	36	54	42	7	46 $\frac{1}{4}$	56 $\frac{3}{4}$		54	48	36	28	OTK-742
OT-748	23	42	36	60	48	7	44 $\frac{1}{4}$	62 $\frac{3}{4}$		60	48	42	28	OTK-748
OT-754	23	48	36	66	54	7	52 $\frac{1}{4}$	68 $\frac{3}{4}$		66	48	48	28	OTK-754
OT-760	23	54	36	72	60	7	56 $\frac{1}{4}$	74 $\frac{3}{4}$		72	48	54	28	OTK-760
OT-924	23	18	36	36	24 $\frac{1}{8}$	9	27 $\frac{3}{4}$	38 $\frac{3}{4}$		36	48	18	28	OTK-924
OT-930	23	24	36	42	30 $\frac{1}{8}$	9	33 $\frac{3}{4}$	44 $\frac{3}{4}$		42	48	24	28	OTK-930
OT-936	23	30	36	48	36 $\frac{1}{8}$	9	39 $\frac{3}{4}$	50 $\frac{3}{4}$		48	48	30	28	OTK-936
OT-942	23	36	36	54	42	9	45 $\frac{3}{4}$	56 $\frac{3}{4}$		54	48	36	28	OTK-942
OT-948	23	42	36	60	48	9	43 $\frac{3}{4}$	62 $\frac{3}{4}$		60	48	42	28	OTK-948
OT-954	23	48	36	66	54	9	51 $\frac{3}{4}$	68 $\frac{3}{4}$		66	48	48	28	OTK-954
OT-960	23	54	36	72	60	9	55 $\frac{3}{4}$	74 $\frac{3}{4}$		72	48	54	28	OTK-960

Other widths, heights and lengths available. *OT-OTK-6 Front Wheel 5" Diam. OT-OTK-7 Front Wheel 6" Diam. OT-OTK-9 Front Wheel 7" Diam.

CONSTRUCTION

The latest developments in the hand Lift-truck field have been incorporated in the design of the Barrett One-Ton Lift-truck.

All steel constructed, the One-Ton is equipped with an extra-large kingbolt which assures years of service without repair. Four wheel construction with an oversize turn-table set low between wide-spread front wheels is a guaranty of stability under even the highest loads.

For added safety of operation Barrett builds the One-Ton with an automatic engaging latch which cannot wear or be joggled out of engagement, and a spring handle hold-up which keeps handle out of the aisles and out of workmen's

way.

Semi-steel wheels, Hyatt bearings and the Zerk lubricating system are other standard features. Though semi-steel wheels are standard, composition and rubber tired wheels of all types are available.

The One-Ton is quoted generally without a hydraulic release check. This feature can, however, be included at a slight increase in price.

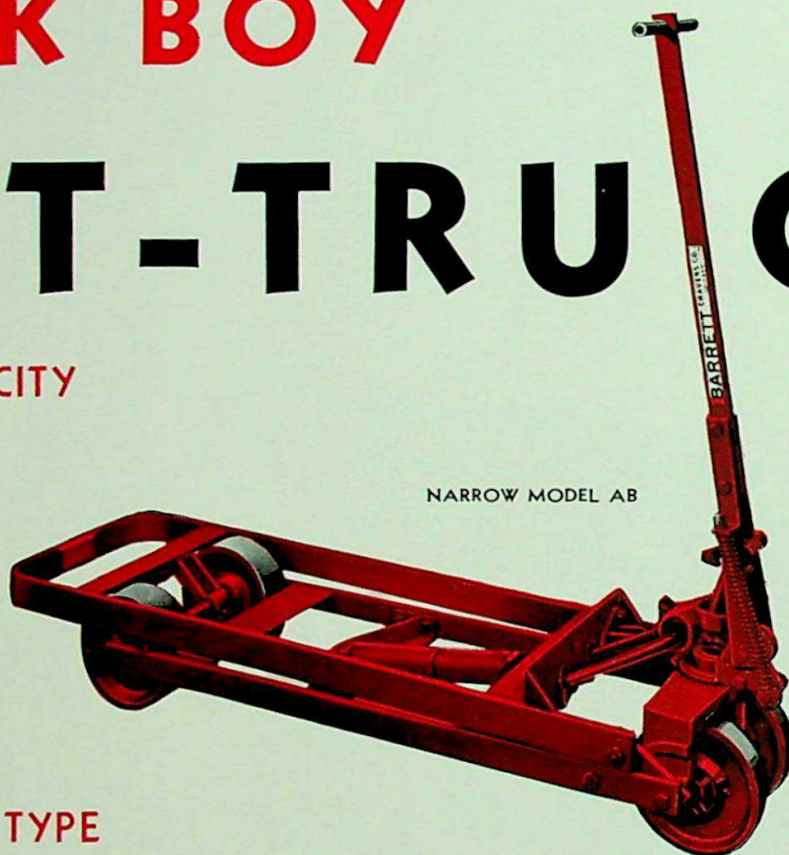
In materials used—in design—in tests—by any standard of comparison the One-Ton is the safest, easiest and fastest operating single stroke Lift-truck of its capacity that money can buy. Use this truck and two skids in your plant at our expense—write for FREE TRIAL.

BARRETT WORK BOY LIFT-TRUCKS

2000 LBS. CAPACITY

HYDRAULIC
CHECK

NARROW MODEL AB



AB LINE
SINGLE STROKE TYPE

MODELS

NARROW-STANDARD . $17\frac{3}{8}$ "
AB lift $15\frac{5}{8}$ " **ABZ** lift $21\frac{1}{4}$ "

WIDE-STANDARD . . . $23\frac{7}{8}$ "
ABK lift $15\frac{5}{8}$ " **ABKZ** lift $21\frac{1}{4}$ "

APPLICATION

The Work Boy is built for 2000 pound loads. The narrow Work Boy—Model AB—handles loads up to 36 inches in width. The wide model—ABK—is built for loads up to 48 inches in width. Both models operate with skids of any type or make.

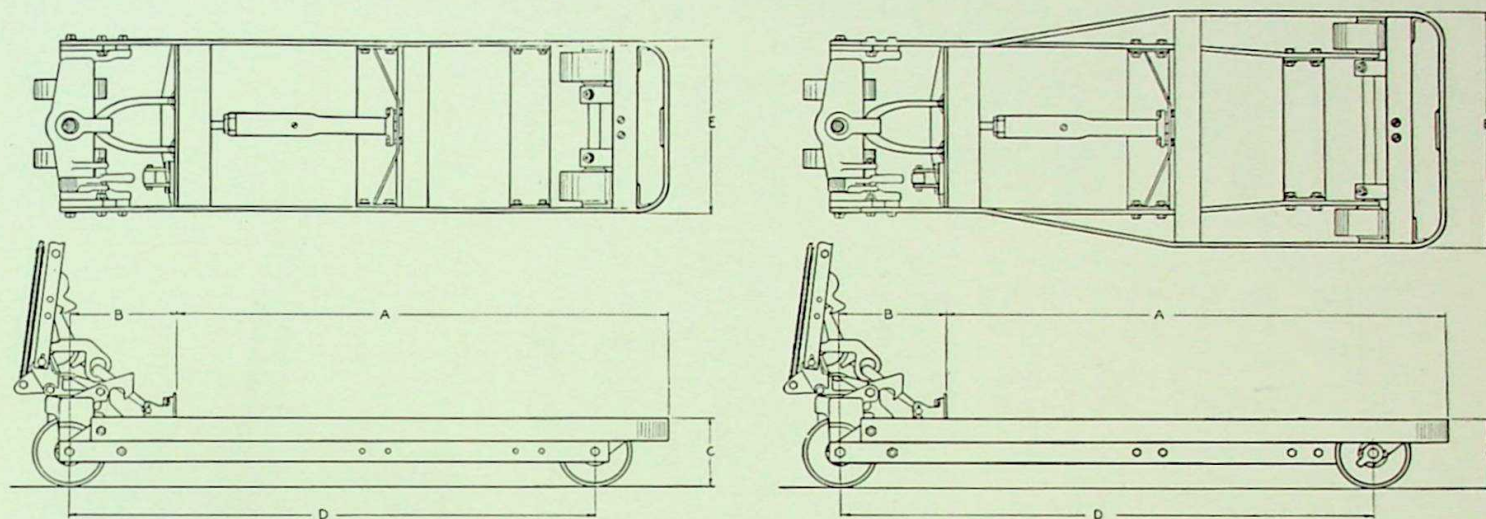
OPERATION

Roll truck under the skid and lift the load with one stroke of the handle. It's that easy—it's that swift! There are no

pedals or hand levers to engage manually. Once raised, the load is securely held by an automatic engaging latch. To lower skid, merely step on release treadle. This one operation disengages the latch catch and permits the load to descend slowly—always under the control and safety of a large capacity Hydraulic Release Check.

The Barrett Work Boy is built with a compound lifting feature which provides a 25% easier lift. Angle lift permits operation in the most cramped quarters.

WORK BOY MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

AB NARROW MODEL 17 $\frac{7}{8}$ "					NARROW AND WIDE MODELS				23 $\frac{7}{8}$ "		WIDE MODEL		ABK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
AB-624	23	18	36	36	24 $\frac{1}{4}$	6	30 $\frac{1}{2}$	40	36	46	18	28	ABK-624
AB-630	23	24	36	42	30 $\frac{1}{4}$	6	36 $\frac{1}{2}$	46	42	46	24	28	ABK-630
AB-636	23	30	36	48	36 $\frac{1}{4}$	6	42 $\frac{1}{2}$	52	48	46	30	28	ABK-636
AB-642	23	36	36	54	42	6	45 $\frac{1}{2}$	58	54	46	36	28	ABK-642
AB-648	23	42	36	60	48	6	51 $\frac{1}{2}$	64	60	46	42	28	ABK-648
AB-654	23	48	36	66	54	6	57 $\frac{1}{2}$	70	66	46	48	28	ABK-654
AB-660	23	54	36	72	60	6	63 $\frac{1}{2}$	76	72	46	54	28	ABK-660
AB-730	23	24	36	42	30 $\frac{1}{4}$	7	36 $\frac{1}{2}$	46 $\frac{1}{4}$	42	46	24	28	ABK-730
AB-736	23	30	36	48	36 $\frac{1}{4}$	7	42 $\frac{1}{2}$	52 $\frac{1}{4}$	48	46	30	28	ABK-736
AB-742	23	36	36	54	42	7	45 $\frac{1}{2}$	58 $\frac{1}{4}$	54	46	36	28	ABK-742
AB-748	23	42	36	60	48	7	51 $\frac{1}{2}$	64 $\frac{1}{4}$	60	46	42	28	ABK-748
AB-754	23	48	36	66	54	7	57 $\frac{1}{2}$	70 $\frac{1}{4}$	66	46	48	28	ABK-754
AB-760	23	54	36	72	60	7	63 $\frac{1}{2}$	76 $\frac{1}{4}$	72	46	54	28	ABK-760
AB-930	23	24	36	42	30 $\frac{1}{4}$	9	35 $\frac{1}{2}$	46 $\frac{1}{4}$	42	46	24	28	ABK-930
AB-936	23	30	36	48	36 $\frac{1}{4}$	9	41 $\frac{1}{2}$	52 $\frac{1}{4}$	48	46	30	28	ABK-936
AB-942	23	36	36	54	42	9	44 $\frac{1}{2}$	58 $\frac{1}{4}$	54	46	36	28	ABK-942
AB-948	23	42	36	60	48	9	50 $\frac{1}{2}$	64 $\frac{1}{4}$	60	46	42	28	ABK-948
AB-954	23	48	36	66	54	9	56 $\frac{1}{2}$	70 $\frac{1}{4}$	66	46	48	28	ABK-954
AB-960	23	54	36	72	60	9	62 $\frac{1}{2}$	76 $\frac{1}{4}$	72	46	54	28	ABK-960
AB-9-11-36	23	30	36	42	36 $\frac{1}{2}$	11	40 $\frac{7}{8}$	52 $\frac{1}{4}$	42	46	30	28	ABK-9-11-36
AB-9-11-42	23	36	36	48	42	11	43 $\frac{7}{8}$	58 $\frac{1}{4}$	48	46	36	28	ABK-9-11-42
AB-9-11-48	23	42	36	54	48	11	49 $\frac{7}{8}$	64 $\frac{1}{4}$	54	46	42	28	ABK-9-11-48
AB-9-11-54	23	48	36	60	54	11	55 $\frac{7}{8}$	70 $\frac{1}{4}$	60	46	48	28	ABK-9-11-54
AB-9-11-60	23	54	36	66	60	11	61 $\frac{7}{8}$	76 $\frac{1}{4}$	66	46	54	28	ABK-9-11-60
AB-9-11-72	23	66	36	78	72	11	67 $\frac{7}{8}$	82 $\frac{1}{4}$	78	46	66	28	ABK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

Here is safety of operation never before available in the 2000 pound capacity field. The new Barrett Work Boy is built with a guaranteed 50% overload capacity factor. Safety and speed of operation have been carefully planned and thoroughly built into this new Barrett Lift-truck.

Here are some of the outstanding details of construction which make the Work Boy a better Lift-truck:

The Barrett standard construction—large turntable set low between widespread front wheels. Adjustable lifting mechanism—the turning of two semi-spheres takes up slack and provides for 100% operating efficiency without need for repair parts or costs. Spring handle holdup—

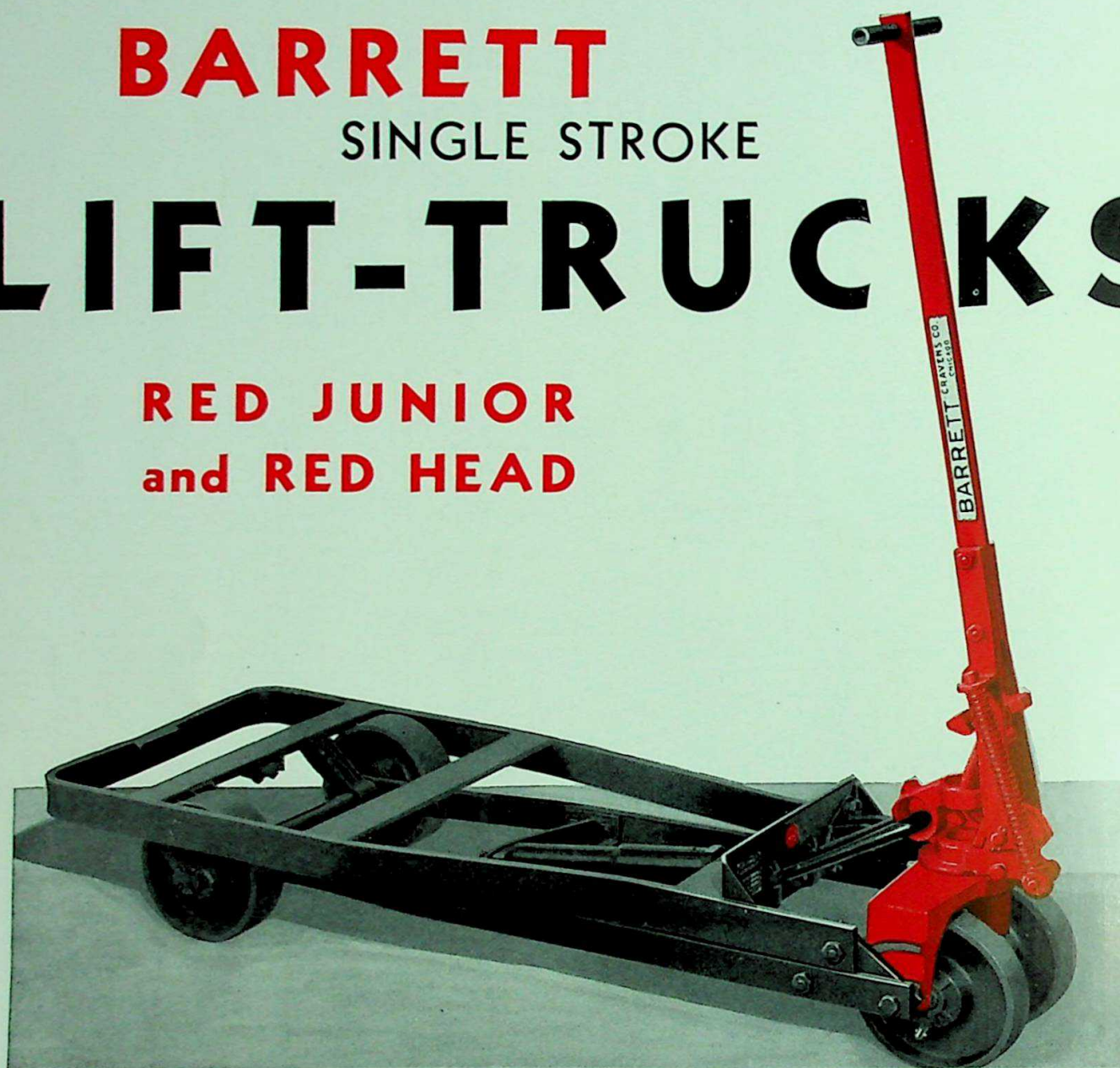
handle is never on floor, in workmen's way. Thumb handle release provides a free towing handle without necessity of raising truck frame. Large capacity Hydraulic Release Check, large Kingbolt, Automatic Engaging Latch that will not wear or can not be joggled out of position, Pressure Lubrication and Anti-Friction Bearings—these, combined with the above features—account for the unanimous tribute given the Work Boy by Shop Foremen and men who actually use Lift-trucks. These are men who are able to appreciate, first-hand, the value of speed and safety in today's materials handling.

Although semi-steel wheels are standard, the Work Boy is available with all types of composition and rubber tired wheels.

Write for the new Work Boy and two skids for 15 days' FREE TRIAL.

BARRETT SINGLE STROKE LIFT-TRUCKS

**RED JUNIOR
and RED HEAD**



Available for Free Trial

The Red Junior and Red Head are new lift-trucks—that will do more skid handling—safer—in less time—and with the minimum amount of effort.

Guaranteed to lift easier than other single stroke lift-trucks of equal lift because of the new patented compound lifting mechanism which is adjustable to wear.

Guaranteed to operate quicker because there are no foot treadles to step on or latches to manually engage when lifting. Lifting latch engages automatically.

Guaranteed to set the load back on the floor and not to let it crash down after the lift is released because of improved

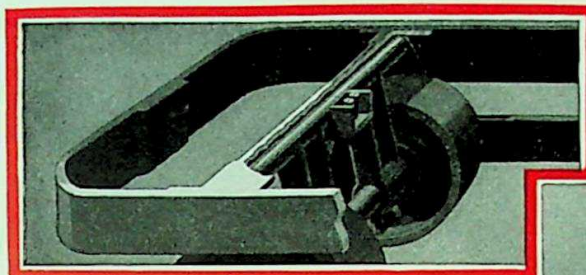
Hydraulic release check.

Assured safety because the spring handle holdup retains the handle in an upright position when not in use—it cannot fall to the floor—**safe** because of the new positive engaging lifting latch which cannot foul.

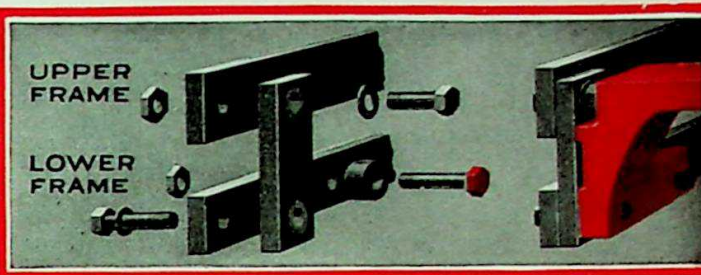
Sturdy and long-lived because of the simple, rugged construction employing cast steel, pressed steel and drop forged parts.

Will lift loads from an angle. Easy rolling due to Hyatt Bearings. Zerk Lubricating System. We offer trained assistance in selecting the correct model for your requirements.

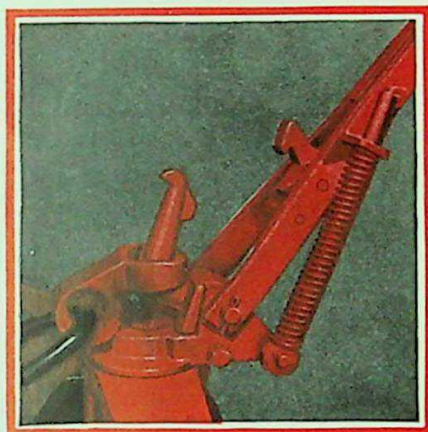
MECHANICAL FEATURES



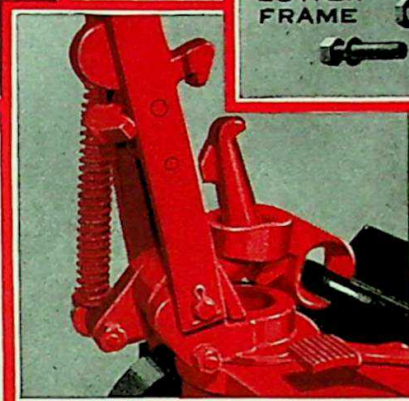
The patented RED-HEAD rear axle construction provides an oilless bearing the entire width of the lift-truck. An important feature.



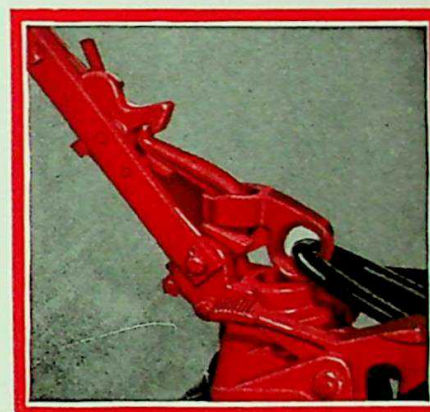
Barrett RED-HEAD frames are constructed and assembled in this manner. Note the bushings in the links—easily replaced.



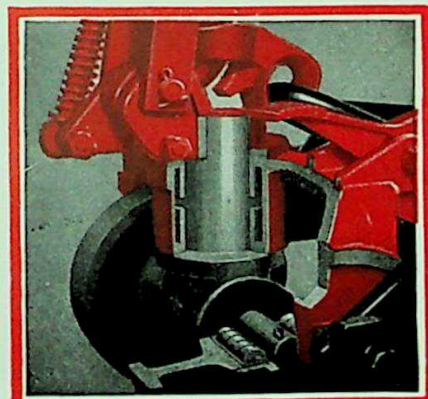
A distinct RED-HEAD feature is the spring handle hold-up which prevents the handle from falling to the floor when not in use—thus avoiding accidents due to tripping.



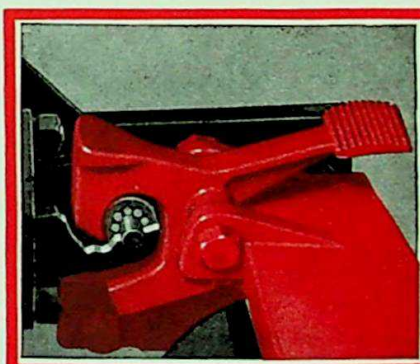
ABOVE—This RED-HEAD lifting mechanism is GUARANTEED to lift the load 25% easier than any other single lift-truck of equal lift.



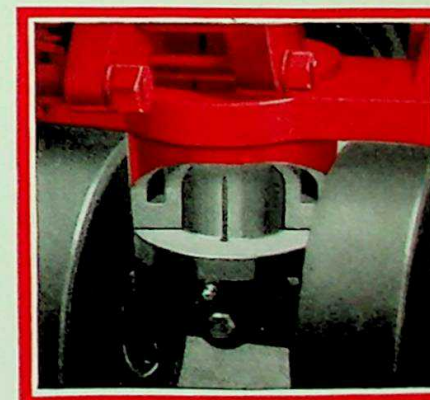
The positive engagement of the handle latch and lifting lever are shown here. This operation is automatic and does not require stepping on a foot treadle or other manual effort.



A cut-away of the RED-HEAD crosshead showing the manner in which positive lubrication is applied to the turntable and the large 3-in. kingbolt. The groove in the casting surrounding the kingbolt is filled with grease through a Zerk cup.



The roller bearing latch catch on all Barrett RED-HEADS means positive engagement without binding or wear.



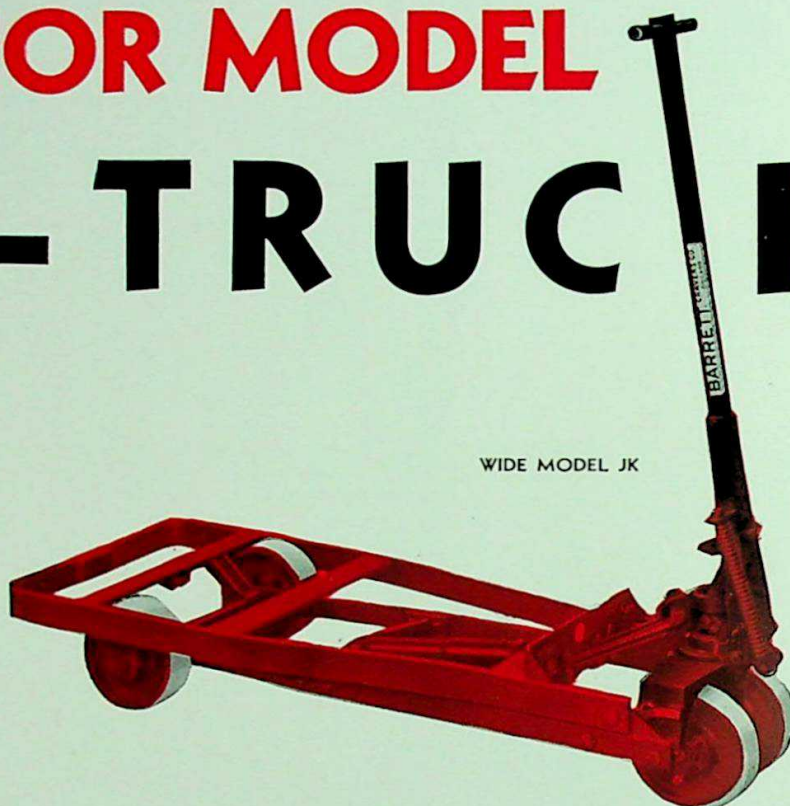
This cut-away shows the large 5-in. turntable of the RED-HEAD and emphasizes its proper low position. Front wheels are widely spread thus giving greater stability.

SINGLE STROKE TYPE LIFT TRUCKS

BARRETT RED JUNIOR MODEL LIFT-TRUCKS

2500 LBS. CAPACITY

WIDE MODEL JK



J LINE

SINGLE STROKE TYPE

MODELS

NARROW-STANDARD . . 17³/₈"

J lift 1⁵/₈" JZ lift 2¹/₄"

JL lift 2⁵/₈" JLL lift 3¹/₈"

WIDE-STANDARD . . 23⁷/₈"

JK lift 1⁵/₈" JKZ lift 2¹/₄"

JKL lift 2⁵/₈" JKLL lift 3¹/₈"

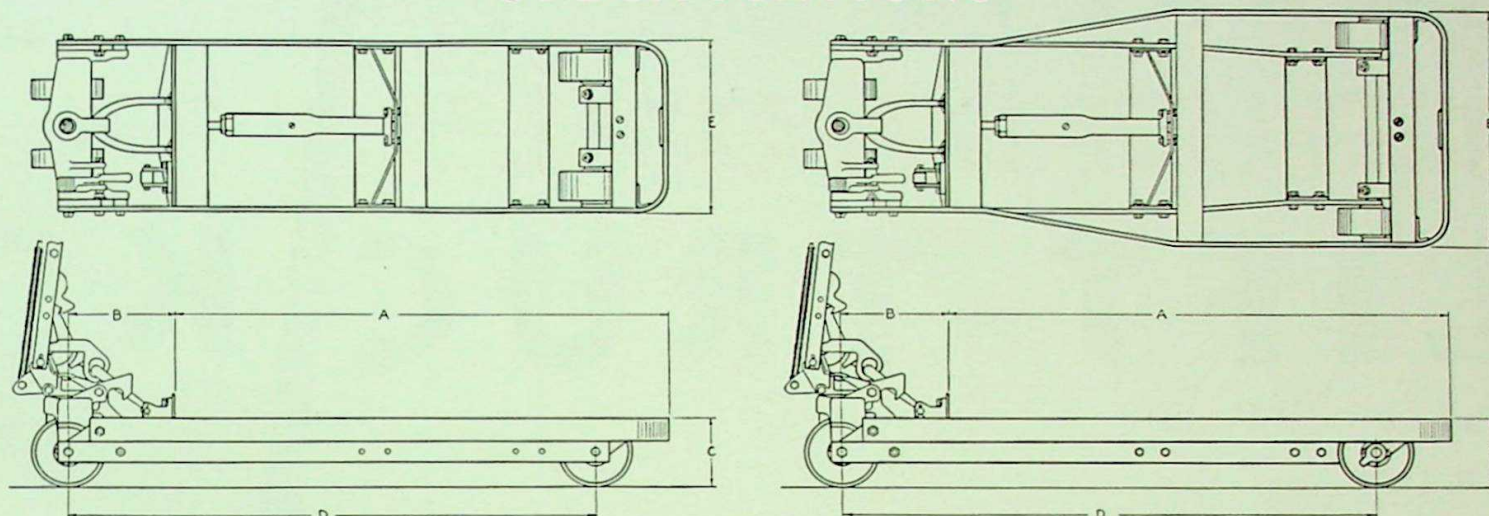
APPLICATION

This sturdy—low priced—all steel Lift-Truck is available in two standard widths. The narrow J model is intended for use on loads up to 36 inches in width and 2500 pounds in weight. The wide JK model is ideal for those bulky loads up to 48 inches wide. Built for hard work, the Barrett Red Junior fits any type or make skid.

OPERATION

Quick—automatic. No foot treadles or hand levers to engage manually. Just run the truck under the skid and lift load with ONE STROKE OF THE HANDLE. Handle is automatically disengaged upon completion of the stroke—ready for towing. Step on release treadle and load is GENTLY LOWERED BY HYDRAULIC CHECK. Angle lift permits operation in close quarters—compound lift makes operation guaranteed 25% easier.

RED JUNIOR MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

J		NARROW MODEL				17 3/8"		NARROW AND WIDE MODELS				23 3/8"		WIDE MODEL				JK	
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model						
	Width	Length	Width	Length					Length	Width	Length	Width							
J-624	23	18	36	36	24 1/4	6	30 1/4	40	36	46	18	28	JK-624						
J-630	23	24	36	42	30 1/4	6	36 1/4	46	42	46	24	28	JK-630						
J-636	23	30	36	48	36 1/4	6	42 1/4	52	48	46	30	28	JK-636						
J-642	23	36	36	54	42	6	45 1/4	58	54	46	36	28	JK-642						
J-648	23	42	36	60	48	6	51 1/4	64	60	46	42	28	JK-648						
J-654	23	48	36	66	54	6	57 1/4	70	66	46	48	28	JK-654						
J-660	23	54	36	72	60	6	63 1/4	76	72	46	54	28	JK-660						
J-730	23	24	36	42	30 1/4	7	36 1/4	46 1/4	42	46	24	28	JK-730						
J-736	23	30	36	48	36 1/4	7	42 1/4	52 1/4	48	46	30	28	JK-736						
J-742	23	36	36	54	42	7	45 1/4	58 1/4	54	46	36	28	JK-742						
J-748	23	42	36	60	48	7	51 1/4	64 1/4	60	46	42	28	JK-748						
J-754	23	48	36	66	54	7	57 1/4	70 1/4	66	46	48	28	JK-754						
J-760	23	54	36	72	60	7	63 1/4	76 1/4	72	46	54	28	JK-760						
J-930	23	24	36	42	30 1/4	9	35 1/4	46 1/4	42	46	24	28	JK-930						
J-936	23	30	36	48	36 1/4	9	41 1/4	52 1/4	48	46	30	28	JK-936						
J-942	23	36	36	54	42	9	44 1/4	58 1/4	54	46	36	28	JK-942						
J-948	23	42	36	60	48	9	50 1/4	64 1/4	60	46	42	28	JK-948						
J-954	23	48	36	66	54	9	56 1/4	70 1/4	66	46	48	28	JK-954						
J-960	23	54	36	72	60	9	62 1/4	76 1/4	72	46	54	28	JK-960						
J-9-11-36	23	30	36	42	36 1/4	11	40 1/4	52 1/4	42	46	30	28	JK-9-11-36						
J-9-11-42	23	36	36	48	42	11	43 1/4	58 1/4	48	46	36	28	JK-9-11-42						
J-9-11-48	23	42	36	54	48	11	49 1/4	64 1/4	54	46	42	28	JK-9-11-48						
J-9-11-54	23	48	36	60	54	11	55 1/4	70 1/4	60	46	48	28	JK-9-11-54						
J-9-11-60	23	54	36	66	60	11	61 1/4	76 1/4	66	46	54	28	JK-9-11-60						
J-9-11-72	23	66	36	78	72	11	67 1/4	82 1/4	78	46	66	28	JK-9-11-72						

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

The Barrett Red Junior combines speed and safety of operation to a degree unprecedented in the 2500 pound capacity field. This truck lifts with one operation—one stroke of the handle. Once raised, load is securely held by an automatic engaging latch that will not wear and cannot be joggled out of engagement.

Superior strength is another highlight of the Red Junior. This truck is all steel in construction and equipped with a generously oversized kingbolt to give years of service without repair. The Red Junior is built with a large turntable set low be-

tween wide spread front wheels providing stability under even the highest loads.

A spring handle hold-up prevents handle from dangling in workmen's way—thumb handle release provides a free towing handle without necessity of raising truck frame. Hydraulic release check—Zerk lubricating system—semi-steel wheels equipped with Hyatt bearings—these are all standard equipment on the Barrett Red Junior. Although semi-steel wheels are standard, rubber tired and composition wheels of all types are available.

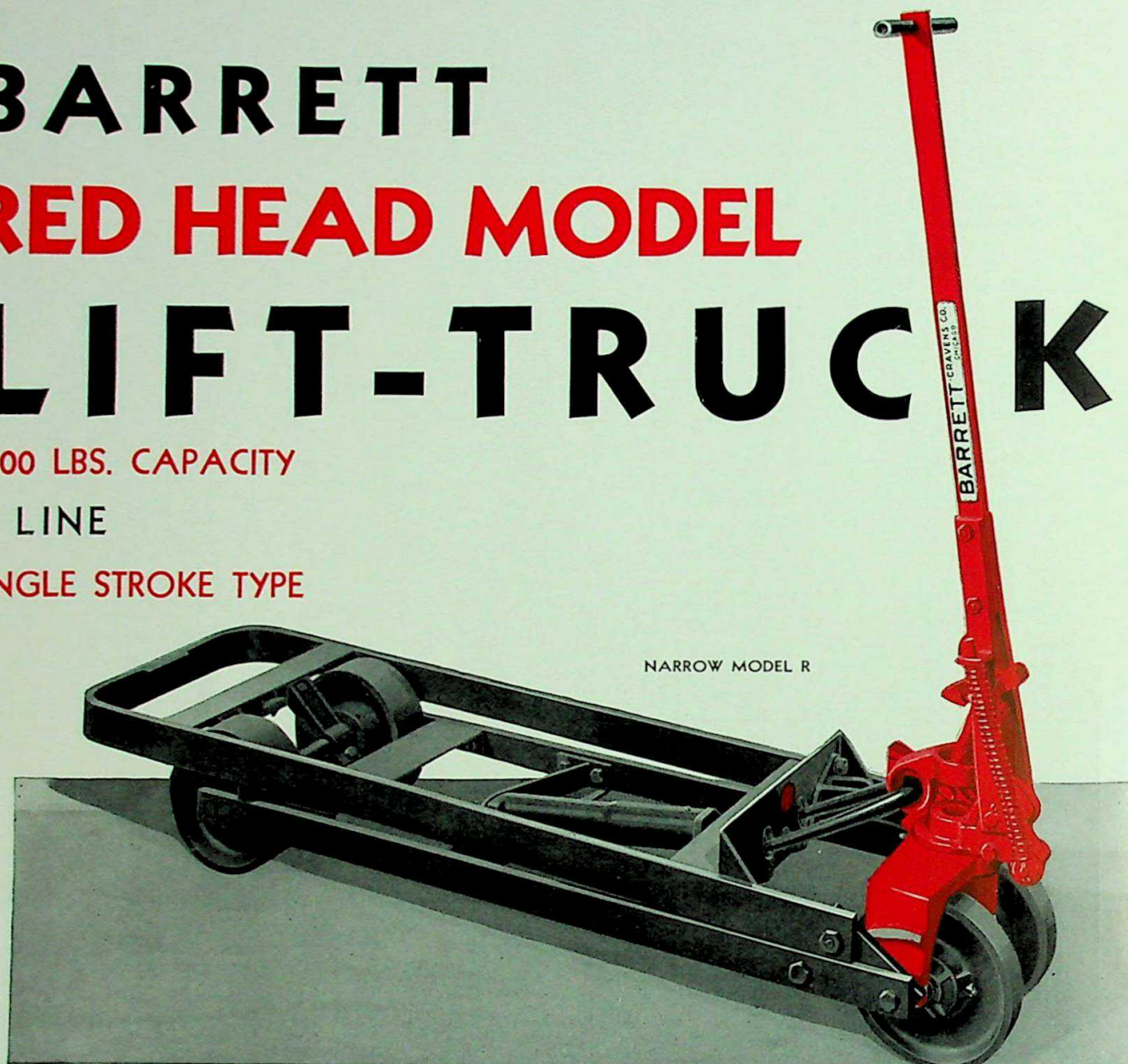
Use the Red Junior and two skids in your plant at our expense. Write for 15 days' FREE TRIAL.

BARRETT RED HEAD MODEL LIFT-TRUCKS

3500 LBS. CAPACITY

R LINE

SINGLE STROKE TYPE



NARROW MODEL R

MODELS

NARROW-STANDARD . 17 $\frac{5}{8}$ "

R lift 1 $\frac{5}{8}$ " **RZ** lift 2 $\frac{1}{4}$ "

RL lift 2 $\frac{5}{8}$ " **RLL** lift 3 $\frac{1}{8}$ "

WIDE-STANDARD . . . 24 $\frac{1}{8}$ "

RK lift 1 $\frac{5}{8}$ " **RKZ** lift 2 $\frac{1}{4}$ "

RKL lift 2 $\frac{5}{8}$ " **RKLL** lift 3 $\frac{1}{4}$ "

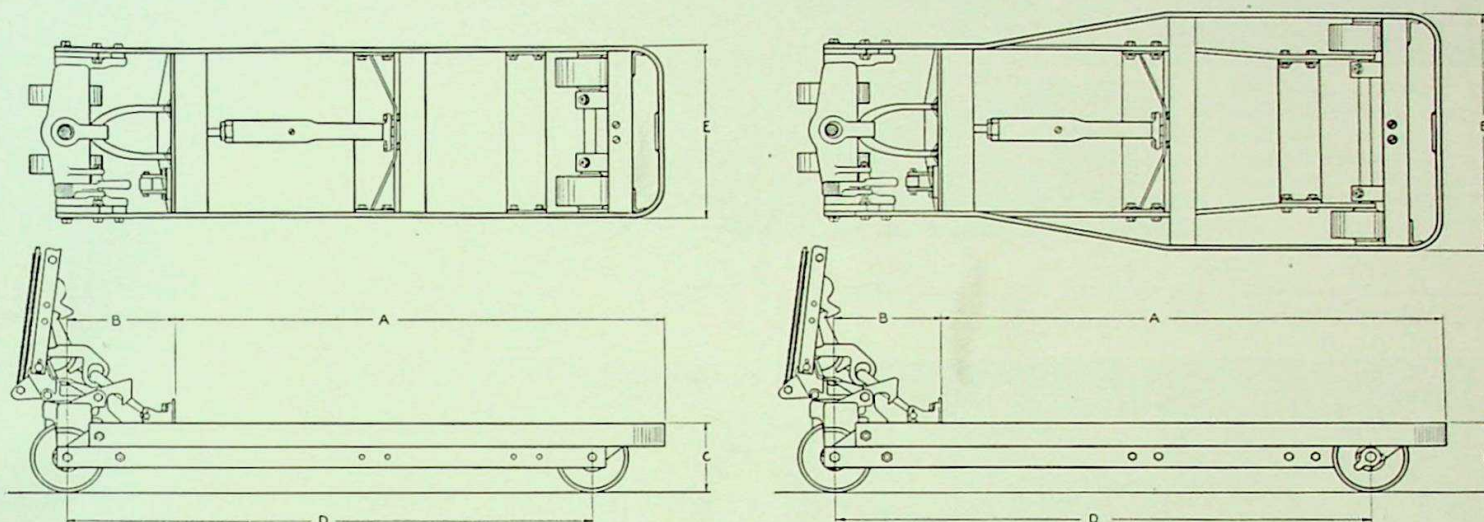
APPLICATION

Here is a rugged Lift-truck built to handle loads of 3,500 or 5,000 pounds. Fits any type and make skid. The narrow R Model handles 3,500-pound loads up to 36 inches in width—the wide RK Model moves 3,500-pound loads up to 48 inches in width. Models RV and RVK are built for 5,000-pound loads of 36 and 48 inches maximum width. The Barrett Red Head is an ideal time-saver where the work is both rapid and heavy.

OPERATION

Quick—automatic. No foot pedals or hand levers to engage. Merely run the truck under the skid and lift the load with a SINGLE STROKE OF THE HANDLE. Once raised, the load is securely held in place by a roller bearing latch and the handle becomes disengaged—ready for towing. This action is entirely automatic—no manual effort is required. Step on treadle, and load is GENTLY LOWERED BY HYDRAULIC CHECK. Compound lift makes operation guaranteed 25% easier—angle lift permits operation in crowded, cramped quarters.

RED HEAD MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

R NARROW MODEL 17 3/8"					NARROW AND WIDE MODELS 24 1/8"				WIDE MODEL 24 1/8"				RK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Mode
	Width	Length	Width	Length					Length	Width	Length	Width	
R-630	24	24	36	42	30	6	36 1/8	46	42	46	24	28	RK-630
R-636	24	30	36	48	36	6	42 1/8	52	48	46	30	28	RK-636
R-642	24	36	36	54	42	6	45 1/8	58	54	46	36	28	RK-642
R-648	24	42	36	60	48	6	51 1/8	64	60	46	42	28	RK-648
R-654	24	48	36	66	54	6	57 1/8	70	66	46	48	28	RK-654
R-660	24	54	36	72	60	6	63 1/8	76	72	46	54	28	RK-660
R-730	24	24	36	42	30	7	36 1/8	46 1/4	42	46	24	28	RK-730
R-736	24	30	36	48	36	7	42 1/8	52 1/4	48	46	30	28	RK-736
R-742	24	36	36	54	42	7	45 1/8	58 1/4	54	46	36	28	RK-742
R-748	24	42	36	60	48	7	51 1/8	64 1/4	60	46	42	28	RK-748
R-754	24	48	36	66	54	7	57 1/8	70 1/4	66	46	48	28	RK-754
R-760	24	54	36	72	60	7	63 1/8	76 1/4	72	46	54	28	RK-760
R-930	24	24	36	42	30	9	35 1/4	46 1/4	42	46	24	28	RK-930
R-936	24	30	36	48	36	9	41 1/4	52 1/4	48	46	30	28	RK-936
R-942	24	36	36	54	42	9	44 1/4	58 1/4	54	46	36	28	RK-942
R-948	24	42	36	60	48	9	50 1/4	64 1/4	60	46	42	28	RK-948
R-954	24	48	36	66	54	9	56 1/4	70 1/4	66	46	48	28	RK-954
R-960	24	54	36	72	60	9	62 1/4	76 1/4	72	46	54	28	RK-960
R-972	24	66	36	84	72	9	74 1/2	82 1/4	84	46	66	28	RK-972
R-9-11-36	24	30	36	48	36	11	40 7/8	52 1/4	48	46	30	28	RK-9-11-36
R-9-11-42	24	36	36	54	42	11	43 7/8	58 1/4	54	46	36	28	RK-9-11-42
R-9-11-48	24	42	36	60	48	11	49 7/8	64 1/4	60	46	42	28	RK-9-11-48
R-9-11-54	24	48	36	66	54	11	55 7/8	70 1/4	66	46	48	28	RK-9-11-54
R-9-11-60	24	54	36	72	60	11	61 7/8	76 1/4	72	46	54	28	RK-9-11-60
R-9-11-72	24	66	36	84	72	11	67 7/8	82 1/4	84	46	66	28	RK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

Expert design, skilled workmanship and the best grade of materials have provided this rugged truck with strength far in excess of its rated capacity.

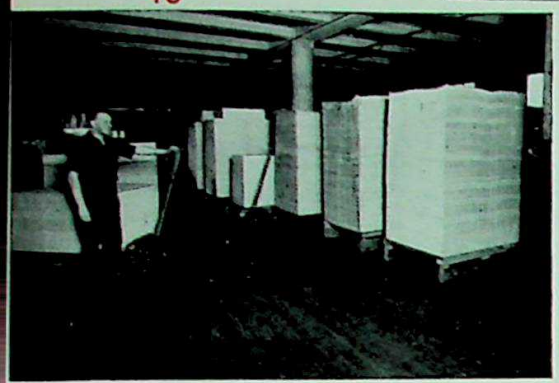
For strength the Red Head offers all steel construction, an extra-large kingbolt and low turntable set between wide spread front wheels.

For speed of operation, the Red Head is equipped with a roller bearing latch that will not wear and cannot be joggled out of engagement—compound lifting mechanism—

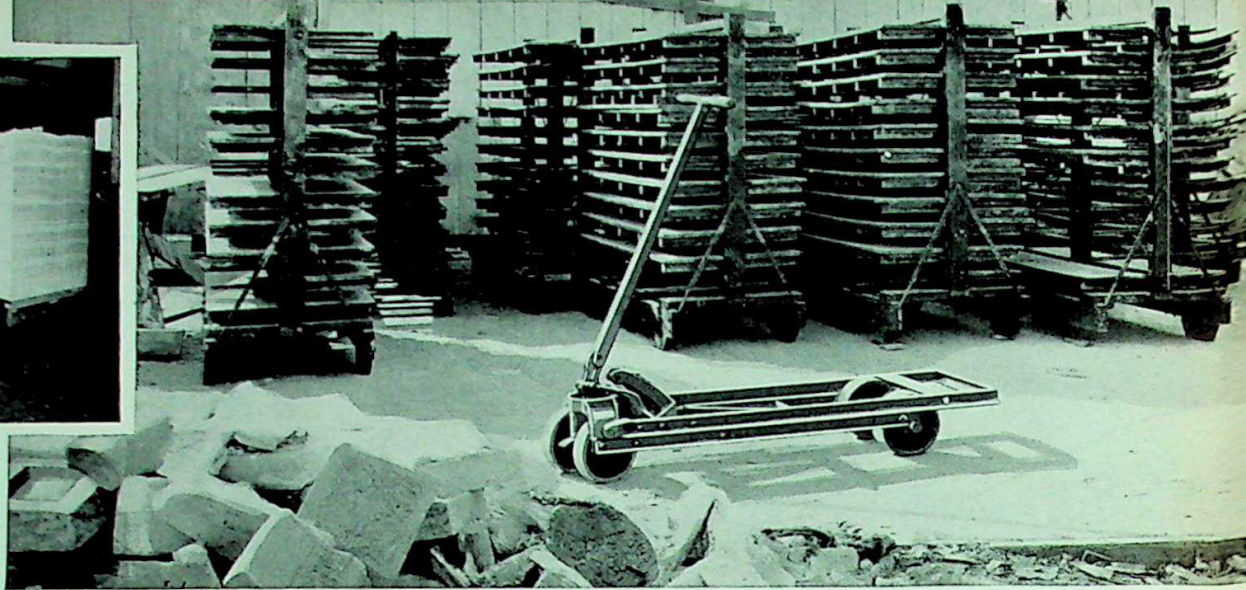
Zerk lubricating system—semi-steel wheels equipped with Hyatt bearings. Though semi-steel wheels are standard, all type composition and rubber tired wheels are available.

For safety of operation, thumb handle release—handle can be disengaged without raising platform, spring handle hold-up—handle is never on floor in workmen's way, adjustable lifting mechanism and a large capacity hydraulic release check, are standard features.

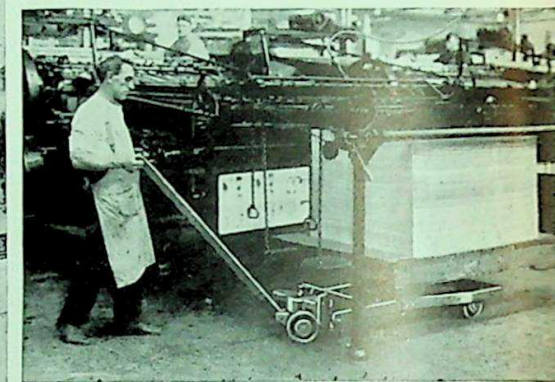
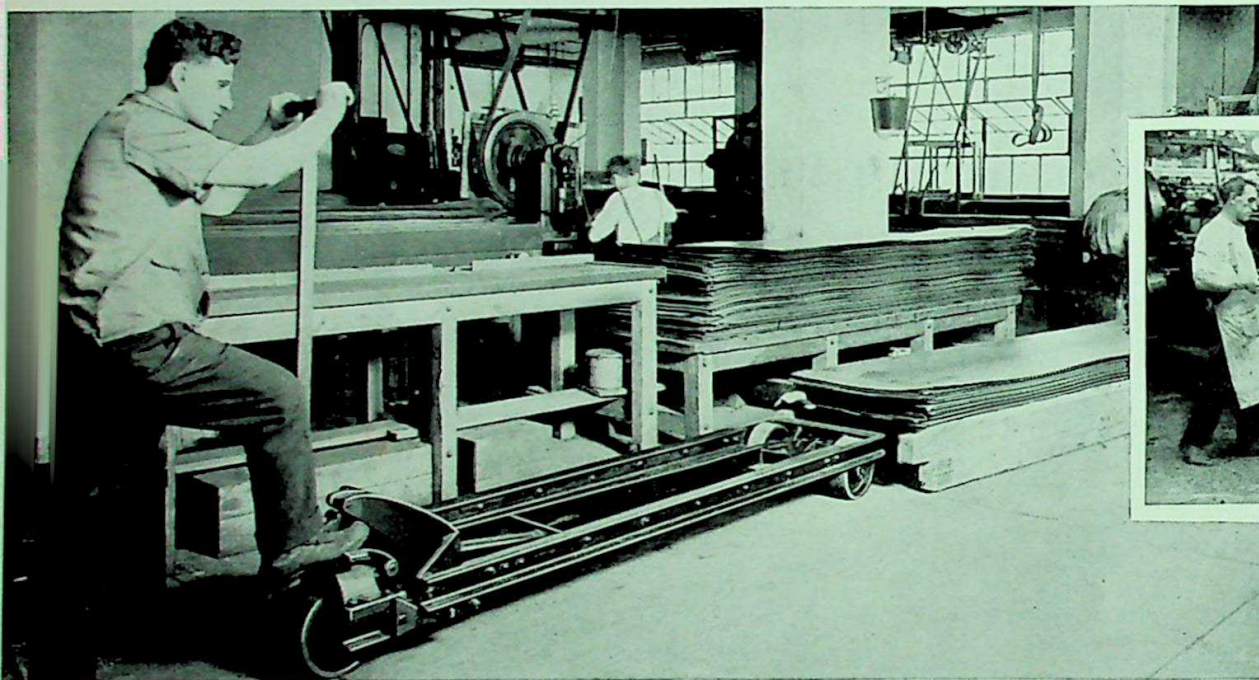
For all around efficiency at lower maintenance costs, specify the Barrett Red Head. Write for FREE TRIAL.



497. RIGHT—Special tray platforms loaded with delicate pieces of terra cotta art work. A Barrett Lift-truck takes them to the kilns. INSERT 465—Paper on skids in storage.

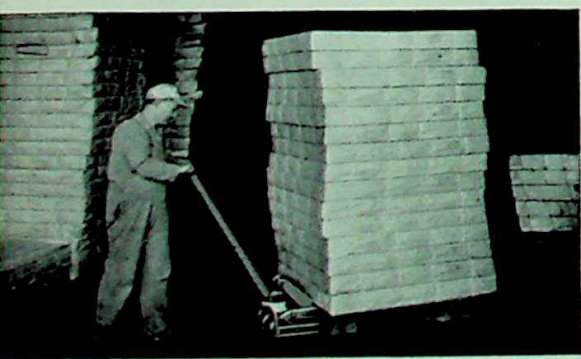


BARRETT LIFT-TRUCKS



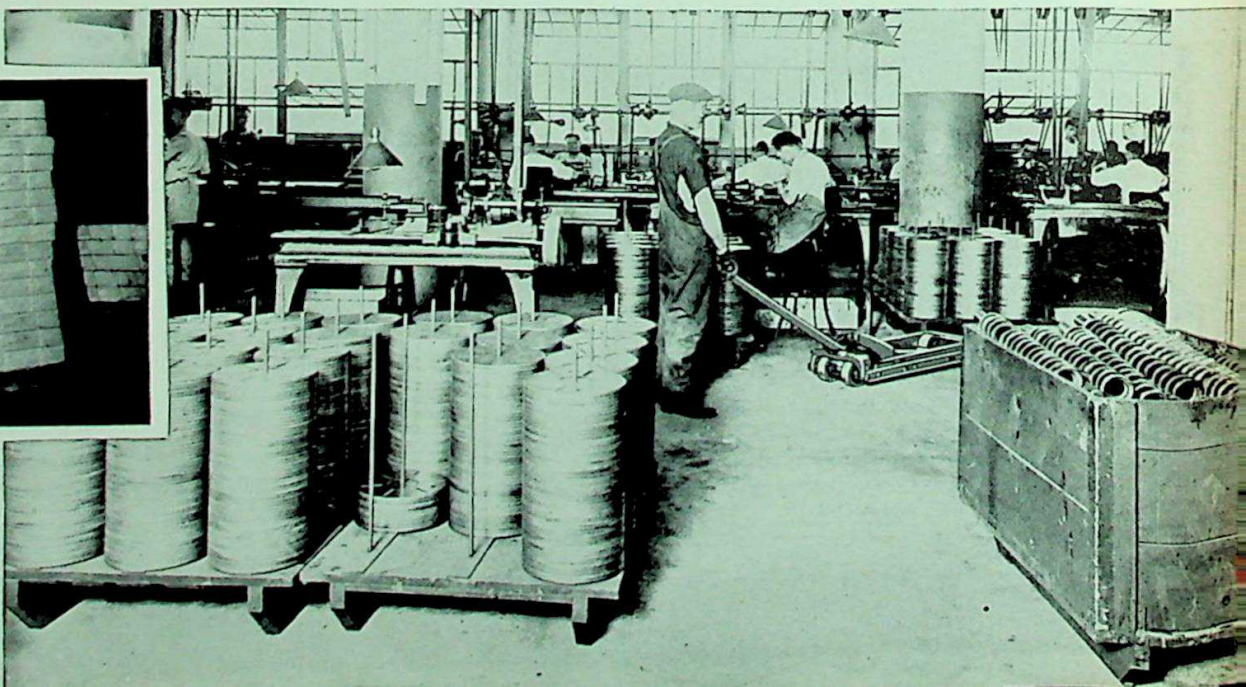
479. LEFT—Sheet steel—the heaviest material any plant handles—yet a Barrett Lift-truck does it economically. INSERT 499—A Barrett slips a loaded paper skid into position under the press.

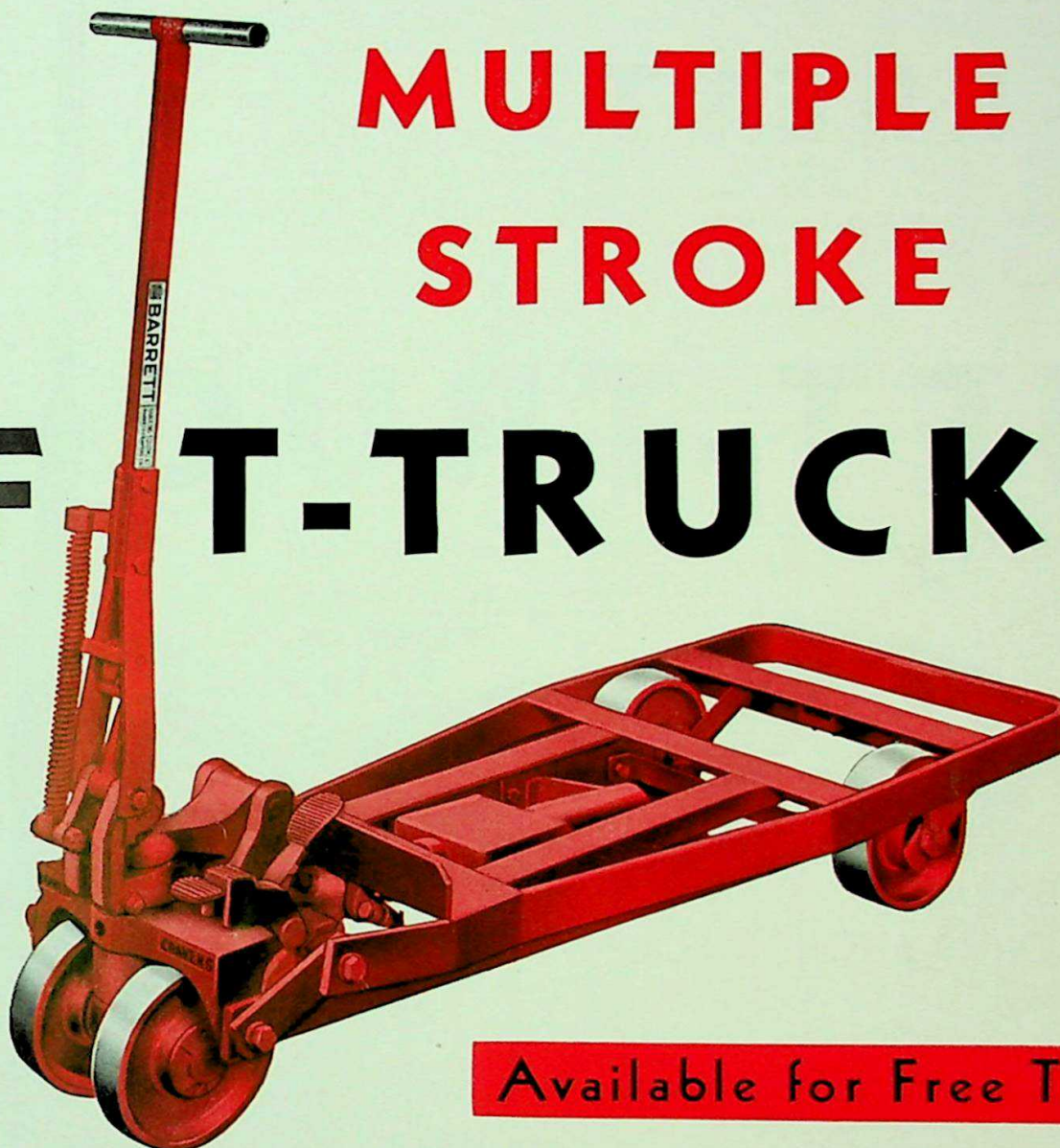
SAVE TIME AND MONEY



INSERT 504—He's just slipped a Barrett under the platform, has lifted the load and is ready to truck it away.

484. RIGHT—These metal discs refused to remain nicely stacked until Barrett engineers developed this spindle platform.



BARRETT**MULTIPLE
STROKE****LIFT-TRUCKS****Available for Free Trial**

Built for the organization that wants to buy a lift-truck and then forget it. The Barrett Multiples are as "fool proof" and "trouble free" as engineering skill and long experience can make them.

If you are one of the many organizations tired of buying replacement parts and paying for repairs on your lift-trucks you are invited to try these new trucks. We claim that they—

- (a) will operate easier,
- (b) have fewer parts than any other multiple stroke truck,
- (c) have greater under clearance,
- (d) will roll easy, and
- (e) are safe to operate.

They are the perfect trucks for rough floor conditions, up and down inclines, on and off elevators, or in and out of freight cars. Their performance is outstanding.

And you can prove this to your own satisfaction by making this test. Try one of these trucks for 15 days. You can put it to work in your own plant, under your own conditions, and with yourself as the sole judge. Actually see and feel the EASIER lift, QUICKER operation, FEWER parts, and all the other features that make Barrett Multiples different and better lift-trucks. You will then agree with us that it is the smoothest operating lift-truck you have ever handled. Men, WHO KEEP THINGS MOVING, will be deeply interested in the detailed description that follows.

New

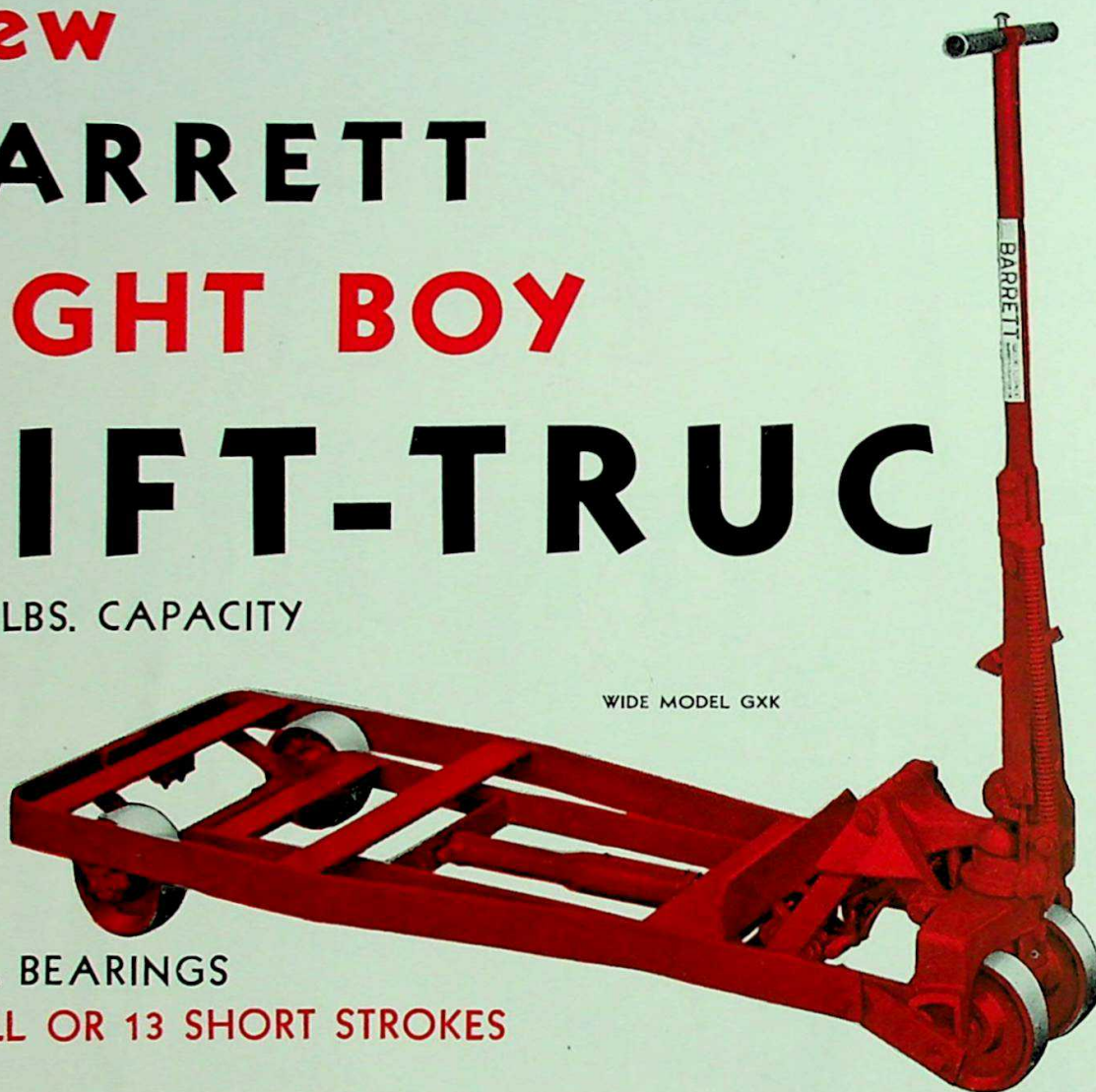
BARRETT

LIGHT BOY

LIFT-TRUCKS

2500 LBS. CAPACITY

WIDE MODEL GXK



BALL BEARINGS

4 FULL OR 13 SHORT STROKES

GX LINE

MULTIPLE STROKE TYPE

MODELS

NARROW-STANDARD . 17 $\frac{3}{8}$ "
GX lift 3"

WIDE-STANDARD 23 $\frac{7}{8}$ "
GXK lift 3"

APPLICATION

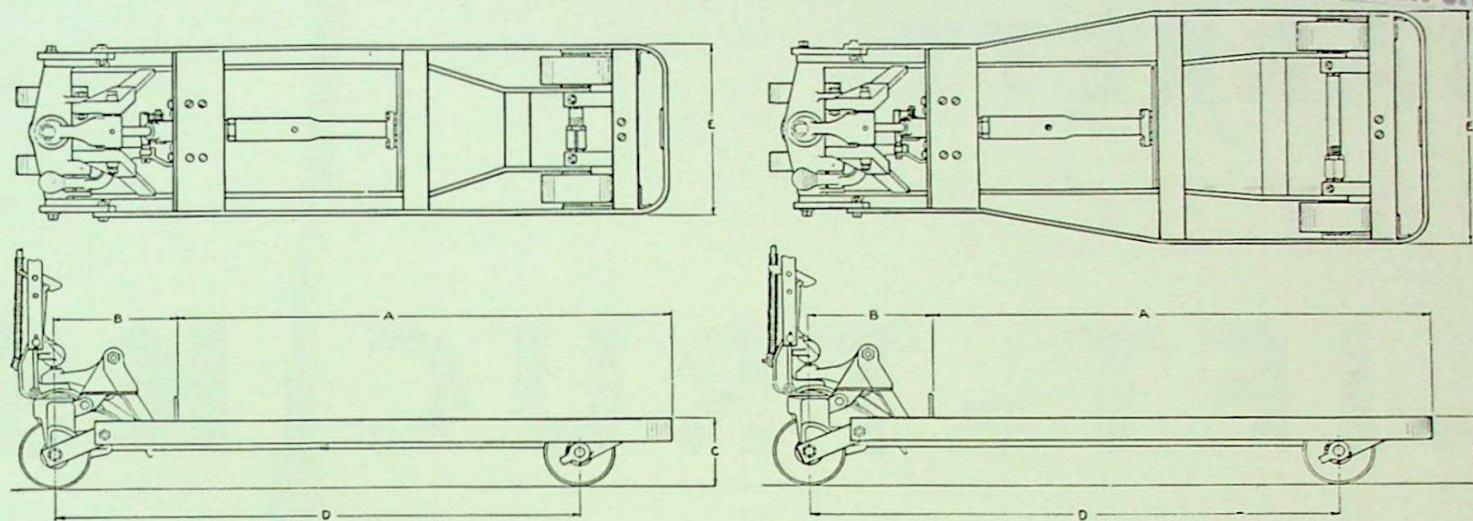
Here is a multiple stroke Lift-truck in the lighter duty field. This Lift-truck has been designed for loads up to 2500 pounds. The narrow GX Model handles loads of any length up to 36 inches in width—the wide GXK handles loads up to 48 inches in width. A full 3 inch lift makes the Light Boy especially suited for loads that must be lifted

high enough to clear ramps and incline obstructions. Fits any type and make skid.

OPERATION

SELECTIVE LIFT—Roll truck under skid and lift load to full height with 4 long or 13 short, easy strokes. To lower, step on treadle—HYDRAULIC CHECK safely controls descent of load to floor.

LIGHT BOY MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

GX NARROW MODEL 17 3/8"					NARROW AND WIDE MODELS 23 3/4"				WIDE MODEL GXK				
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
GX-636	23	30	36	48	36 1/8	6	42 1/4	54	48	48	30	28	GXK-636
GX-642	23	36	36	54	42	6	45 1/4	57	54	48	36	28	GXK-642
GX-648	23	42	36	60	48	6	51 1/4	63	60	48	42	28	GXK-648
GX-654	23	48	36	66	54	6	57 1/4	69	66	48	48	28	GXK-654
GX-660	23	54	36	72	60	6	63 1/4	75	72	48	54	28	GXK-660
GX-736	23	30	36	48	36 1/8	7	42	55 1/4	48	48	30	28	GXK-736
GX-742	23	36	36	54	42	7	45	58 1/4	54	48	36	28	GXK-742
GX-748	23	42	36	60	48	7	51	64 1/4	60	48	42	28	GXK-748
GX-754	23	48	36	66	54	7	57	70 1/4	66	48	48	28	GXK-754
GX-760	23	54	36	72	60	7	63	76 1/4	72	48	54	28	GXK-760
GX-772	23	66	36	84	72	7	75	88 1/4	84	48	66	28	GXK-772
GX-936	23	30	36	48	36 1/8	9	41	56 1/4	48	48	30	28	GXK-936
GX-942	23	36	36	54	42	9	44	59 1/4	54	48	36	28	GXK-942
GX-948	23	42	36	60	48	9	50	65 1/4	60	48	42	28	GXK-948
GX-954	23	48	36	66	54	9	56	71 1/4	66	48	48	28	GXK-954
GX-960	23	54	36	72	60	9	62	77 1/4	72	48	54	28	GXK-960
GX-972	23	66	36	84	72	9	74	89 1/4	84	48	66	28	GXK-972
GX-9-11-36	23	30	36	48	36 1/8	11	40	56 1/4	48	48	30	28	GXK-9-11-36
GX-9-11-42	23	36	36	54	42	11	43	59 1/4	54	48	36	28	GXK-9-11-42
GX-9-11-48	23	42	36	60	48	11	49	65 1/4	60	48	42	28	GXK-9-11-48
GX-9-11-54	23	48	36	66	54	11	55	71 1/4	66	48	48	28	GXK-9-11-54
GX-9-11-60	23	54	36	72	60	11	61	77 1/4	72	48	54	28	GXK-9-11-60
GX-9-11-72	23	66	36	84	72	11	73	89 1/4	84	48	66	28	GXK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

The Light Boy offers many features never before available in one Lift-truck. Such features as: all-welded construction, wheels equipped with ball bearings, Alemite lubrication, a hydraulic check equipped with positive control to insure uniform descent on all loads, a full 300° angle lift, adjustable lifting mechanism and a thumb handle release to provide a free, towing handle at any stage of lift.

The Barrett standard construction—generous size kingbolt and a large turntable set low between

wide-spread front wheels—provides the answer to the Light Boy's popularity with the men who actually use Lift-trucks.

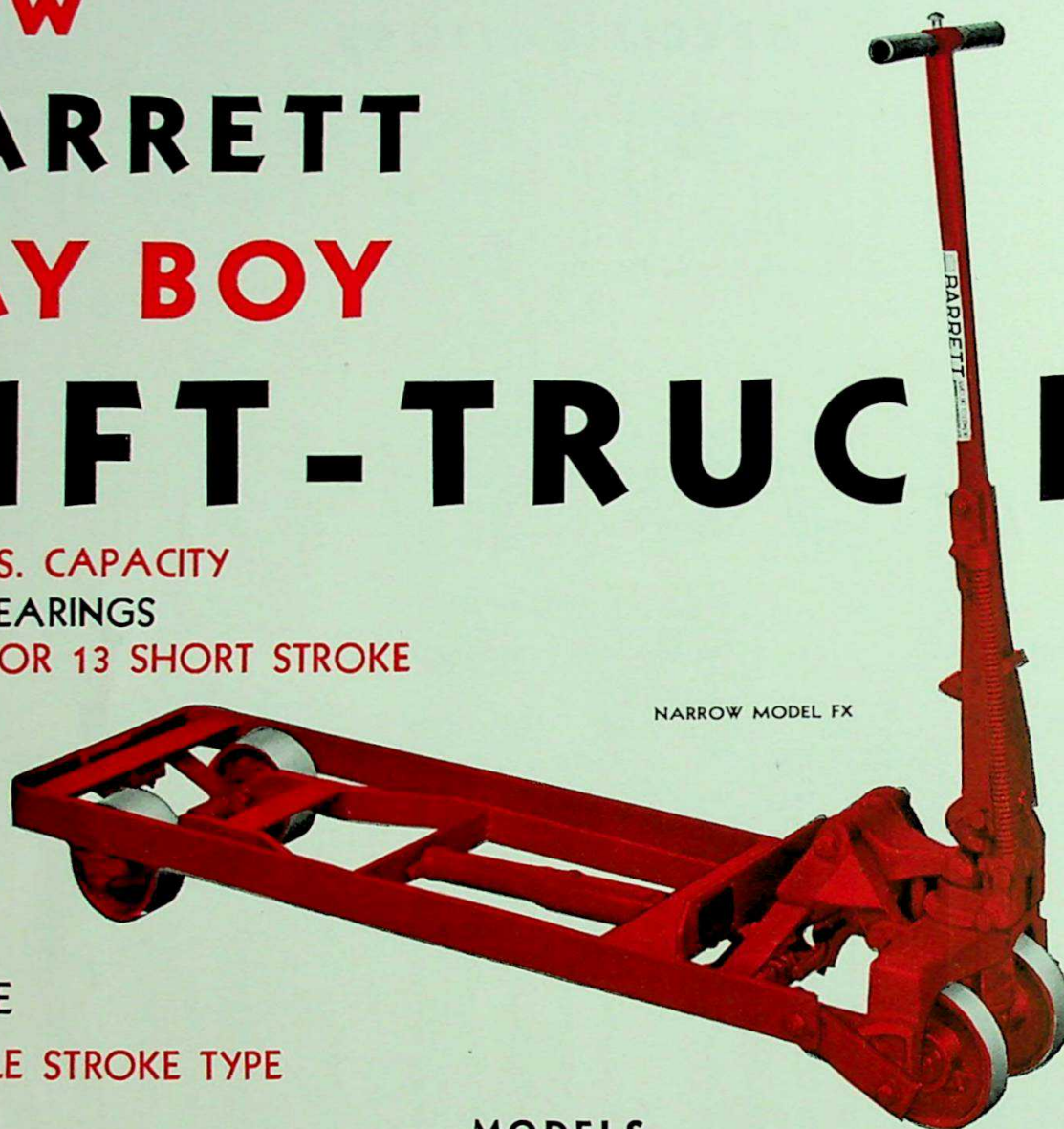
Though semi-steel wheels are standard, all type composition and rubber tired wheels are available.

New! The Light Boy and the Pay Boy are the latest additions to the Barrett line of Lift-trucks. Light Boy for loads up to 2500 pounds—Pay Boy for heavier loads up to 3500 pounds. Both have been built for **economy** and **action**. Both are available with two skids for FREE TRIAL.

New BARRETT PAY BOY LIFT-TRUCKS

3500 LBS. CAPACITY
BALL BEARINGS
4 FULL OR 13 SHORT STROKE

NARROW MODEL FX



FX LINE

MULTIPLE STROKE TYPE

MODELS

NARROW-STANDARD . 17 $\frac{5}{8}$ "

FX lift 3"

APPLICATION

Like the Light Boy, the new Barrett Pay Boy has been built for economy and action! It's an innovation in the field—a multiple stroke Lift-truck with fewer working parts. The Pay Boy is equipped with a full 3 inch lift which makes it ideally suited for use over ramps and inclines. The narrow FX Model handles loads up to 36 inches in width—the wide FXK Model is built for loads up to 48

WIDE-STANDARD . . . 24 $\frac{1}{8}$ "

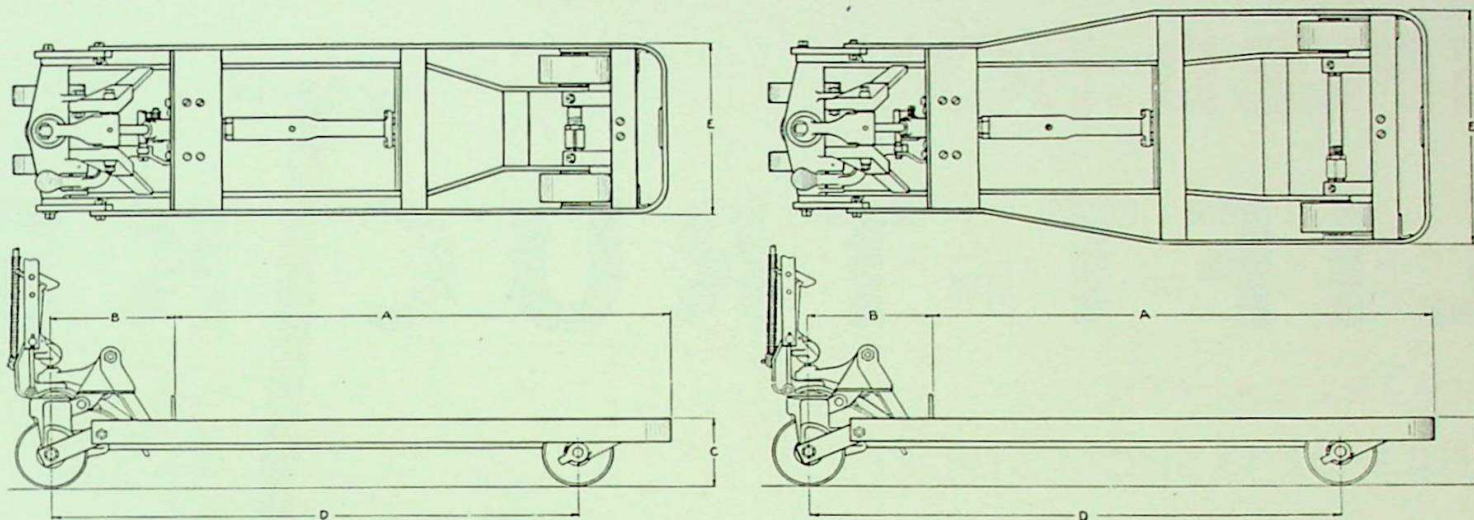
FXK lift 3"

inches wide. Both models handle loads of any length up to 3500 pounds in weight. Both models fit any type or make skid.

OPERATION

SELECTIVE LIFT and HYDRAULIC CHECK make lifting and lowering SAFE—SIMPLE—QUICK. Load is raised to full height by either 4 long or 13 short, easy strokes of the handle. Step on the treadle and load is gently lowered to the floor.

PAY BOY MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

FX NARROW MODEL 17 1/8"					NARROW AND WIDE MODELS 24 1/8"				WIDE MODEL 24 1/8"				FXX
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
FX-636	23	30	36	48	36 1/8	6	42 1/4	54	48	48	30	28	FXX-636
FX-642	23	36	36	54	42	6	45 1/4	57	54	48	36	28	FXX-642
FX-648	23	42	36	60	48	6	51 1/4	63	60	48	42	28	FXX-648
FX-654	23	48	36	66	54	6	57 1/4	69	66	48	48	28	FXX-654
FX-660	23	54	36	72	60	6	63 1/4	75	72	48	54	28	FXX-660
FX-736	23	30	36	48	36 1/8	7	42	55 1/4	48	48	30	28	FXX-736
FX-742	23	36	36	54	42	7	45	58 1/4	54	48	36	28	FXX-742
FX-748	23	42	36	60	48	7	51	64 1/4	60	48	42	28	FXX-748
FX-754	23	48	36	66	54	7	57	70 1/4	66	48	48	28	FXX-754
FX-760	23	54	36	72	60	7	63	76 1/4	72	48	54	28	FXX-760
FX-772	23	66	36	84	72	7	75	88 1/4	84	48	66	28	FXX-772
FX-936	23	30	36	48	36 1/8	9	41	56 1/4	48	48	30	28	FXX-936
FX-942	23	36	36	54	42	9	44	59 1/4	54	48	36	28	FXX-942
FX-948	23	42	36	60	48	9	50	65 1/4	60	48	42	28	FXX-948
FX-954	23	48	36	66	54	9	56	71 1/4	66	48	48	28	FXX-954
FX-960	23	54	36	72	60	9	62	77 1/4	72	48	54	28	FXX-960
FX-972	23	66	36	84	72	9	74	89 1/4	84	48	66	28	FXX-972
FX-9-11-36	23	30	36	48	36 1/8	11	40	56 1/4	48	48	30	28	FXX-9-11-36
FX-9-11-42	23	36	36	54	42	11	43	59 1/4	54	48	36	28	FXX-9-11-42
FX-9-11-48	23	42	36	60	48	11	49	65 1/4	60	48	42	28	FXX-9-11-48
FX-9-11-54	23	48	36	66	54	11	55	71 1/4	66	48	48	28	FXX-9-11-54
FX-9-11-60	23	54	36	72	60	11	61	77 1/4	72	48	54	28	FXX-9-11-60
FX-9-11-72	23	66	36	84	72	11	73	89 1/4	84	48	66	28	FXX-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

The design of the Pay Boy incorporates such outstanding features as:

Ball bearing wheels—Alemite lubrication—adjustable lifting mechanism, which gives years of service without part replacement—thumb handle release to provide a free, towing handle at any stage of lift—positive controlled hydraulic check to insure uniform descent on all loads—a full 300° angle lift which insures operation in the most

cramped quarters.

A generous size kingbolt, a large turntable set low between wide spread front wheels, and guaranteed fewer working parts are other standard features which make Pay Boy's performance swift and safe—with a minimum of service and repair. Semi-steel wheels are standard—composition and rubber tired wheels of all types are available.

Write for the new Pay Boy and two skids for 15 days' FREE TRIAL.

BARRETT SPEED BOY

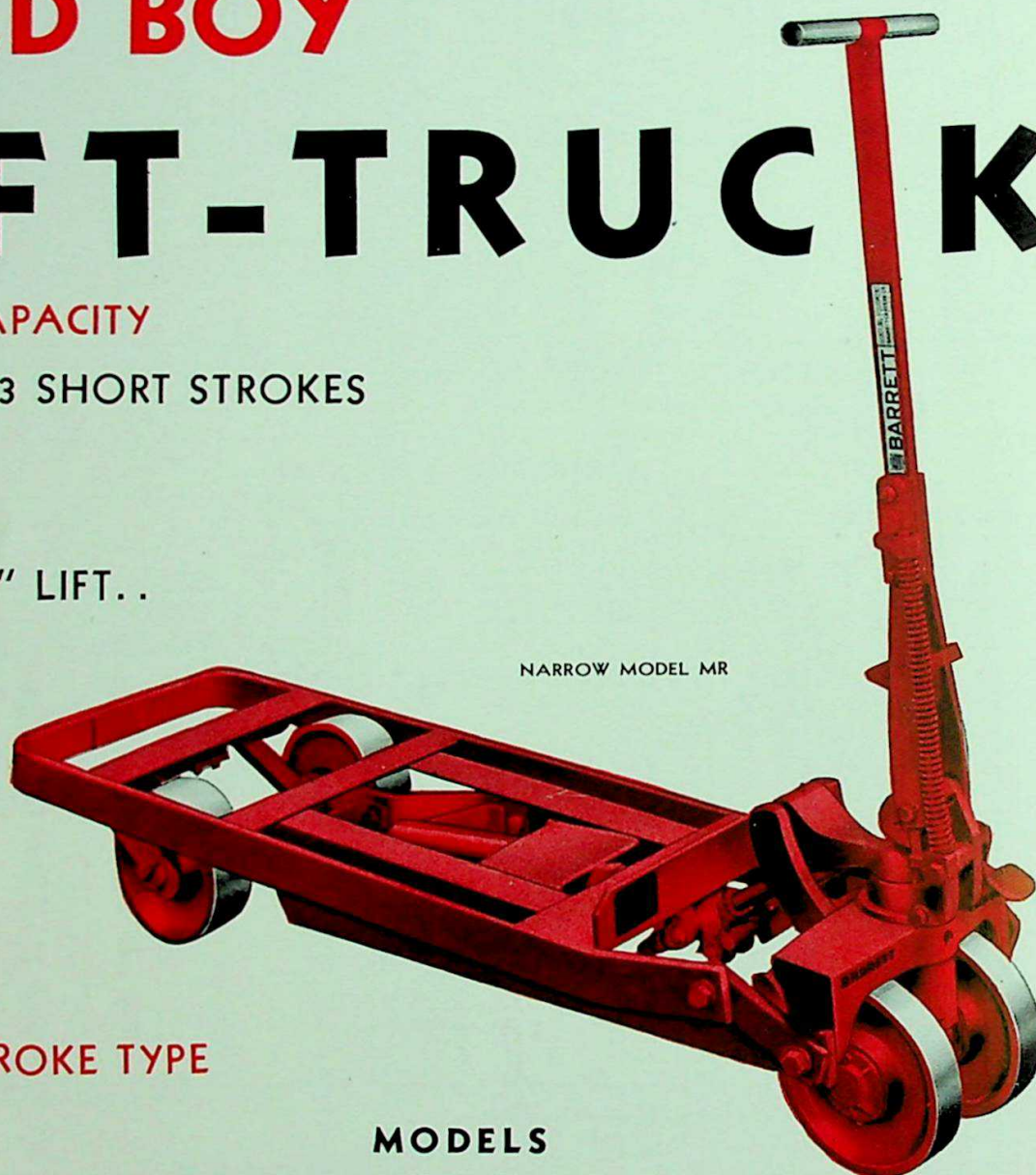
LIFT-TRUCKS

3500 LBS. CAPACITY

4 FULL OR 13 SHORT STROKES

3" LIFT..

NARROW MODEL MR



MR LINE

MULTIPLE STROKE TYPE

MODELS

NARROW-STANDARD . . 19"
MR lift 3"

WIDE-STANDARD 25"
MRK lift 3"

This is the truck of the hour. It was designed by skilled engineers who wanted to eliminate parts—yet build strength and endurance. These engineers wanted a truck that could take the abuse of hard work day after day, year in and year out—yet remain free from trouble. With this as their goal, they produced the SPEED BOY.

APPLICATION

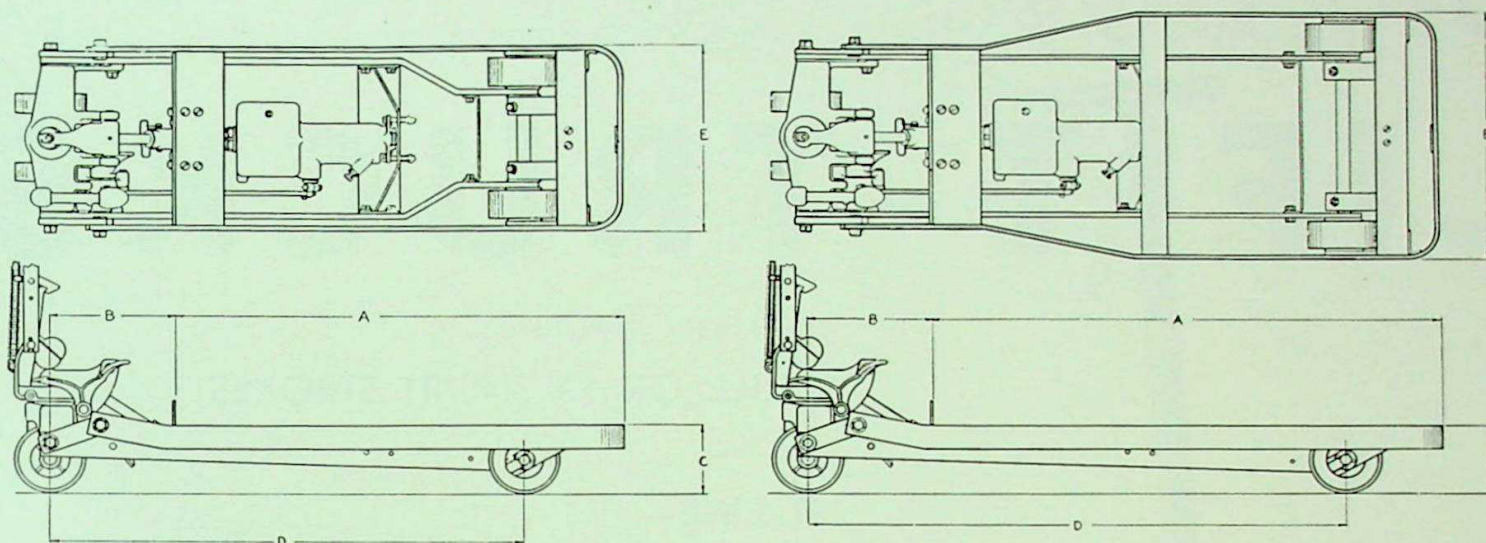
Here's a heavy duty, multiple stroke Lift-truck built for loads up to 3500 pounds. The Speed Boy operates with any type or make skid. The narrow MR Model handles loads up to 36

inches in width—the wide MRK Model, loads up to 48 inches. Both models are built to handle loads of any length.

OPERATION

Simple—safe—quick. The operator merely rolls the truck under the skid and lifts with 4 to 13 SELECTIVE STROKES OF THE HANDLE. The Speed Boy has a convenient lifting position for any trucker. The operator automatically selects the position best suited for his height. Touch the treadle and the load is GENTLY LOWERED TO THE FLOOR BY HYDRAULIC CHECK. A 3 inch lift is standard but 4, 5, and 6 inch lifts are available.

SPEED BOY MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

MR NARROW MODEL 19'					NARROW AND WIDE MODELS					25' WIDE MODEL					MRK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length		Maximum Platform Handled		Minimum Platform Handled			Model
	Width	Length	Width	Length						Length	Width	Length	Width		
MR-630	24	24	36	42	30	6	38 $\frac{5}{8}$	48 $\frac{3}{4}$		42	48	24	30		MRK-630
MR-636	24	30	36	48	36	6	42 $\frac{5}{8}$	52 $\frac{3}{4}$		48	48	30	30		MRK-636
MR-642	24	36	36	54	42	6	45 $\frac{3}{4}$	58 $\frac{3}{4}$		54	48	36	30		MRK-642
MR-648	24	42	36	60	48	6	51 $\frac{3}{4}$	64 $\frac{3}{4}$		60	48	42	30		MRK-648
MR-654	24	48	36	66	54	6	57 $\frac{3}{4}$	70 $\frac{3}{4}$		66	48	48	30		MRK-654
MR-660	24	54	36	72	60	6	63 $\frac{3}{4}$	76 $\frac{3}{4}$		72	48	54	30		MRK-660
MR-730	24	24	36	42	30	7	38 $\frac{1}{2}$	48 $\frac{1}{2}$		42	48	24	30		MRK-730
MR-736	24	30	36	48	36	7	42 $\frac{1}{2}$	52 $\frac{1}{2}$		48	48	30	30		MRK-736
MR-742	24	36	36	54	42	7	45 $\frac{1}{2}$	58 $\frac{1}{2}$		54	48	36	30		MRK-742
MR-748	24	42	36	60	48	7	51 $\frac{1}{2}$	64 $\frac{1}{2}$		60	48	42	30		MRK-748
MR-754	24	48	36	66	54	7	57 $\frac{1}{2}$	70 $\frac{1}{2}$		66	48	48	30		MRK-754
MR-760	24	54	36	72	60	7	63 $\frac{1}{2}$	76 $\frac{1}{2}$		72	48	54	30		MRK-760
MR-930	24	24	36	42	30	9	37 $\frac{1}{2}$	48 $\frac{1}{2}$		42	48	24	30		MRK-930
MR-936	24	30	36	48	36	9	41 $\frac{1}{2}$	52 $\frac{1}{2}$		48	48	30	30		MRK-936
MR-942	24	36	36	54	42	9	44 $\frac{1}{2}$	58 $\frac{1}{2}$		54	48	36	30		MRK-942
MR-948	24	42	36	60	48	9	50 $\frac{1}{2}$	64 $\frac{1}{2}$		60	48	42	30		MRK-948
MR-954	24	48	36	66	54	9	56 $\frac{1}{2}$	70 $\frac{1}{2}$		66	48	48	30		MRK-954
MR-960	24	54	36	72	60	9	62 $\frac{1}{2}$	76 $\frac{1}{2}$		72	48	54	30		MRK-960
MR-972	24	66	36	84	72	9	74 $\frac{1}{2}$	88 $\frac{1}{2}$		84	48	66	30		MRK-972
MR-9-11-36	24	30	36	48	36	11	40 $\frac{1}{8}$	52 $\frac{1}{4}$		48	48	30	30		MRK-9-11-36
MR-9-11-42	24	36	36	54	42	11	43 $\frac{1}{4}$	58 $\frac{3}{4}$		54	48	36	30		MRK-9-11-42
MR-9-11-48	24	42	36	60	48	11	49 $\frac{1}{4}$	64 $\frac{3}{4}$		60	48	42	30		MRK-9-11-48
MR-9-11-54	24	48	36	66	54	11	55 $\frac{1}{4}$	70 $\frac{3}{4}$		66	48	48	30		MRK-9-11-54
MR-9-11-60	24	54	36	72	60	11	61 $\frac{1}{4}$	76 $\frac{3}{4}$		72	48	54	30		MRK-9-11-60
MR-9-11-72	24	66	36	84	72	11	73 $\frac{1}{4}$	82 $\frac{3}{4}$		84	48	66	30		MRK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

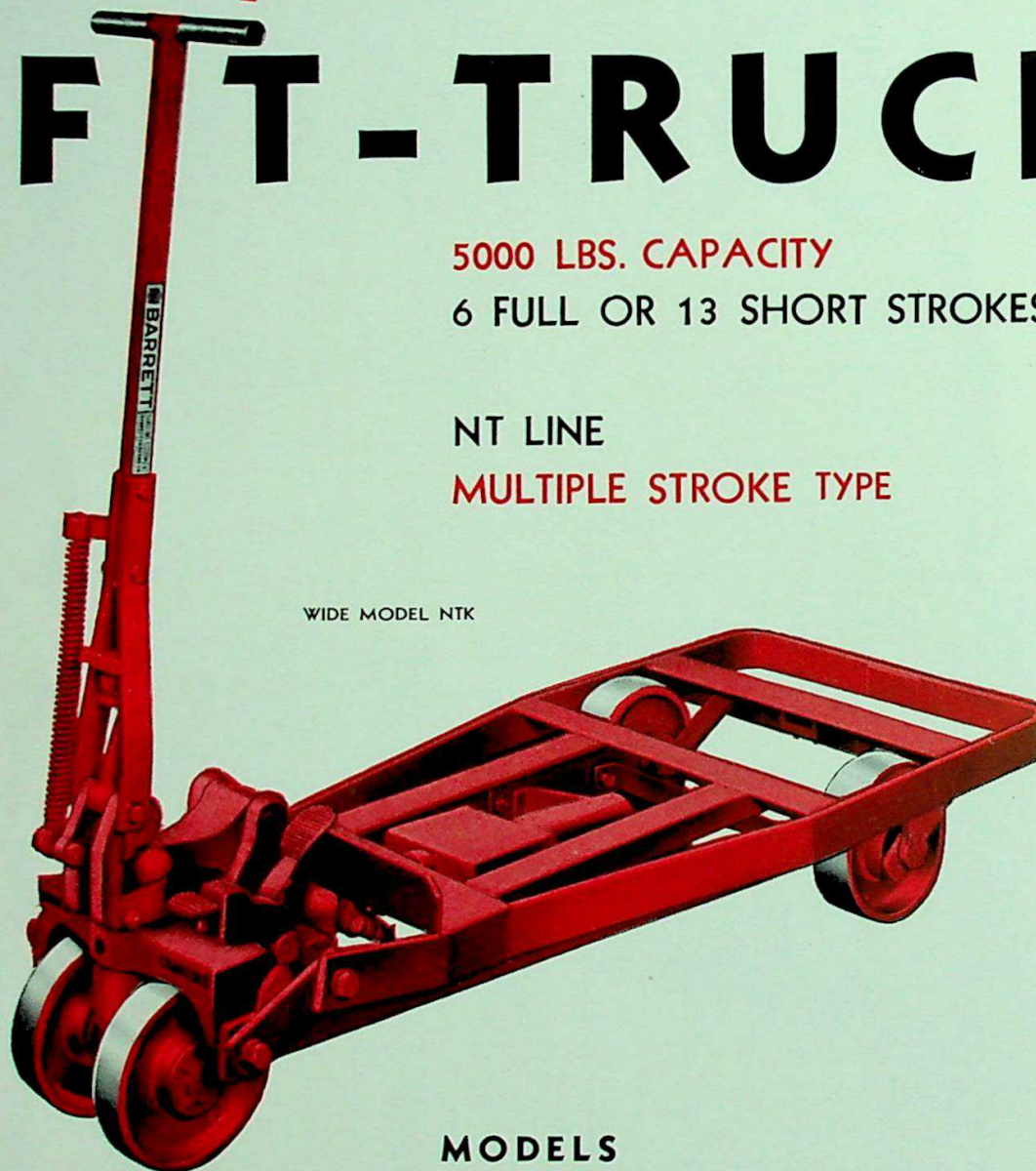
CONSTRUCTION

Only in the Barrett mechanical multiple Lift-truck can you find these high-lights of construction. Spring handle hold-up to keep handle off the floor—thumb handle release to provide free, towing handle at any stage of lift. Semi-steel wheels (all types composition and rubber tired wheels are available) equipped with Hyatt bearings, 3 pint capacity hydraulic release check with exclusive adjustable feature,

an extra large kingbolt—an adjustable lifting train made of large heat treated members—all designed to minimize maintenance and replacement. For stability—a low turntable set between wide spread front wheels. Adjustable lifting mechanism—high frame clearance—high pressure lubricating system are other standard features which make the Speed Boy a safer, faster operating Lift-truck—A BETTER LIFT-TRUCK. Use the Speed Boy in your plant at our expense. Write for FREE TRIAL.

BARRETT**Big Boy****LIFT-TRUCKS****5000 LBS. CAPACITY****6 FULL OR 13 SHORT STROKES****NT LINE****MULTIPLE STROKE TYPE**

WIDE MODEL NTK

**MODELS**

NARROW-STANDARD . . . 19"
NT lift 3"

WIDE-STANDARD 25"
NTK lift 3"

Head and shoulders above the crowd—BIG BOY in actual tests wins the vote—unanimously in many cases—of the men who do the work—the men responsible for the upkeep of equipment—and the shrewd men who buy. From design to finished truck its brute strength and masterly performance are built into it by the Barrett Engineers.

APPLICATION

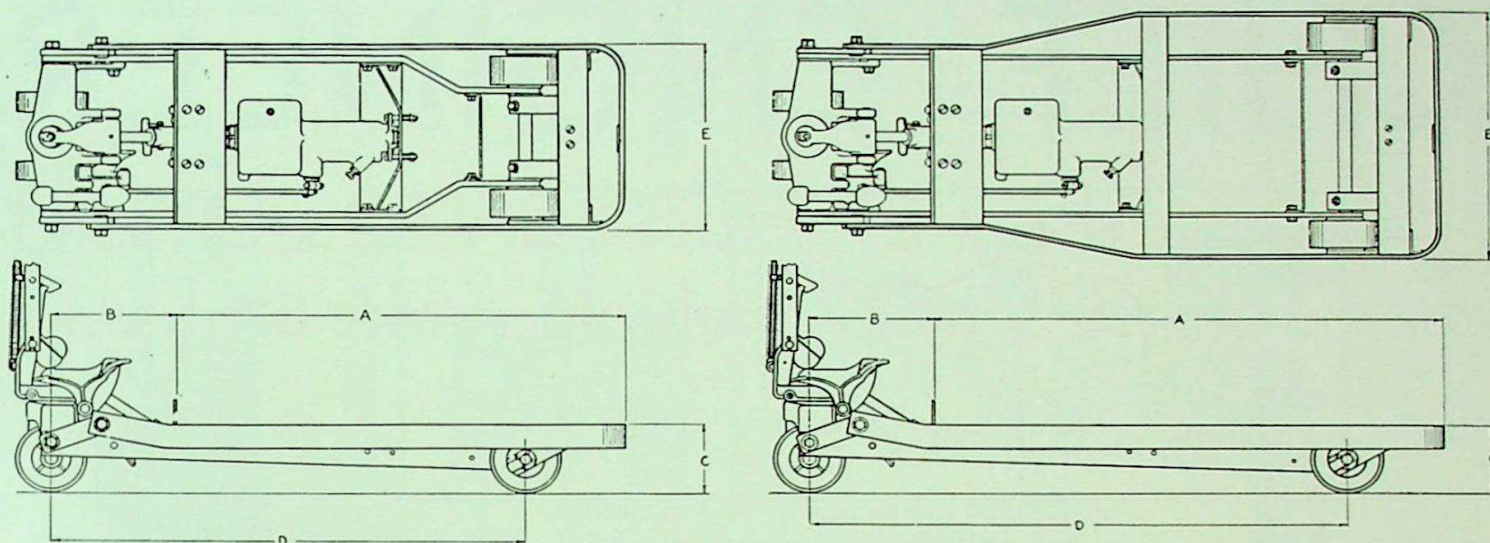
Big Boy is just the truck for tough jobs over rough floors—on long steep ramps—off and on elevators—in and out of freight cars. It operates with any type or make skid. The narrow NT Model is designed for loads to 36 inches in width—the wide NTK Model for loads to 48 inches in width. The

standard Big Boy (narrow and wide models) handles loads up to 5,000 pounds—specially constructed models handle loads up to 15,000 pounds.

OPERATION

Simple—Safe—Quick. The operator merely rolls the truck under the skid and lifts with 6 full or 13 easy, short strokes of the handle. This SELECTIVE LIFT feature has been designed to provide a convenient lifting position for short and tall men alike. The operator automatically selects the position best suited for his height. To lower load operator steps on treadle—the load is GENTLY LOWERED TO THE FLOOR BY HYDRAULIC CHECK. 3 inch lift is standard—4, 5 and 6 inch lifts are available.

BIG BOY MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

NT NARROW MODEL 19"					NARROW AND WIDE MODELS				25" WIDE MODEL				NTK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
NT-630	24	24	36	42	30	6	38 $\frac{3}{4}$	48 $\frac{3}{4}$	42	48	24	30	NTK-630
NT-636	24	30	36	48	36	6	42 $\frac{3}{4}$	52 $\frac{3}{4}$	48	48	30	30	NTK-636
NT-642	24	36	36	54	42	6	45 $\frac{3}{4}$	58 $\frac{3}{4}$	54	48	36	30	NTK-642
NT-648	24	42	36	60	48	6	51 $\frac{3}{4}$	64 $\frac{3}{4}$	60	48	42	30	NTK-648
NT-654	24	48	36	66	54	6	57 $\frac{3}{4}$	70 $\frac{3}{4}$	66	48	48	30	NTK-654
NT-660	24	54	36	72	60	6	63 $\frac{3}{4}$	76 $\frac{3}{4}$	72	48	54	30	NTK-660
NT-730	24	24	36	42	30	7	38 $\frac{3}{4}$	48 $\frac{3}{4}$	42	48	24	30	NTK-730
NT-736	24	30	36	48	36	7	42 $\frac{3}{4}$	52 $\frac{3}{4}$	48	48	30	30	NTK-736
NT-742	24	36	36	54	42	7	45 $\frac{3}{4}$	58 $\frac{3}{4}$	54	48	36	30	NTK-742
NT-748	24	42	36	60	48	7	51 $\frac{3}{4}$	64 $\frac{3}{4}$	60	48	42	30	NTK-748
NT-754	24	48	36	66	54	7	57 $\frac{3}{4}$	70 $\frac{3}{4}$	66	48	48	30	NTK-754
NT-760	24	54	36	72	60	7	63 $\frac{3}{4}$	76 $\frac{3}{4}$	72	48	54	30	NTK-760
NT-930	24	24	36	42	30	9	37 $\frac{1}{2}$	48 $\frac{3}{4}$	42	48	24	30	NTK-930
NT-936	24	30	36	48	36	9	41 $\frac{1}{2}$	52 $\frac{3}{4}$	48	48	30	30	NTK-936
NT-942	24	36	36	54	42	9	44 $\frac{1}{2}$	58 $\frac{3}{4}$	54	48	36	30	NTK-942
NT-948	24	42	36	60	48	9	50 $\frac{1}{2}$	64 $\frac{3}{4}$	60	48	42	30	NTK-948
NT-954	24	48	36	66	54	9	56 $\frac{1}{2}$	70 $\frac{3}{4}$	66	48	48	30	NTK-954
NT-960	24	54	36	72	60	9	62 $\frac{1}{2}$	76 $\frac{3}{4}$	72	48	54	30	NTK-960
NT-972	24	66	36	84	72	9	74 $\frac{1}{4}$	88 $\frac{3}{4}$	84	48	66	30	NTK-972
NT-9-11-36	24	30	36	48	36	11	40 $\frac{1}{2}$	52 $\frac{3}{4}$	48	48	30	30	NTK-9-11-36
NT-9-11-42	24	36	36	54	42	11	43 $\frac{1}{2}$	58 $\frac{3}{4}$	54	48	36	30	NTK-9-11-42
NT-9-11-48	24	42	36	60	48	11	49 $\frac{1}{2}$	64 $\frac{3}{4}$	60	48	42	30	NTK-9-11-48
NT-9-11-54	24	48	36	66	54	11	55 $\frac{1}{2}$	70 $\frac{3}{4}$	66	48	48	30	NTK-9-11-54
NT-9-11-60	24	54	36	72	60	11	61 $\frac{1}{2}$	76 $\frac{3}{4}$	72	48	54	30	NTK-9-11-60
NT-9-11-72	24	66	36	84	72	11	73 $\frac{3}{4}$	88 $\frac{3}{4}$	84	48	66	30	NTK-9-11-72

*Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

For sheer strength and unequalled safety and speed of performance, specify the Barrett Big Boy. Only the Big Boy offers these many outstanding features which, when added together, mean SAVINGS in terms of TIME and DOLLARS—

An adjustable lifting train made of large heat treated members—a low, large turntable—semi-steel wheels (composition and rubber tired wheels of all types are also available)—an adjustable 3 pint capacity release check—Hyatt bearings and pressure lubrication. These are construction high-

lights which reduce wear and repair to an absolute minimum.

A spring handle hold-up and thumb handle release—selective lift and non-fouling handle—full 300° angle lift to permit operation in cramped quarters. These features enable the Big Boy to do a faster job.

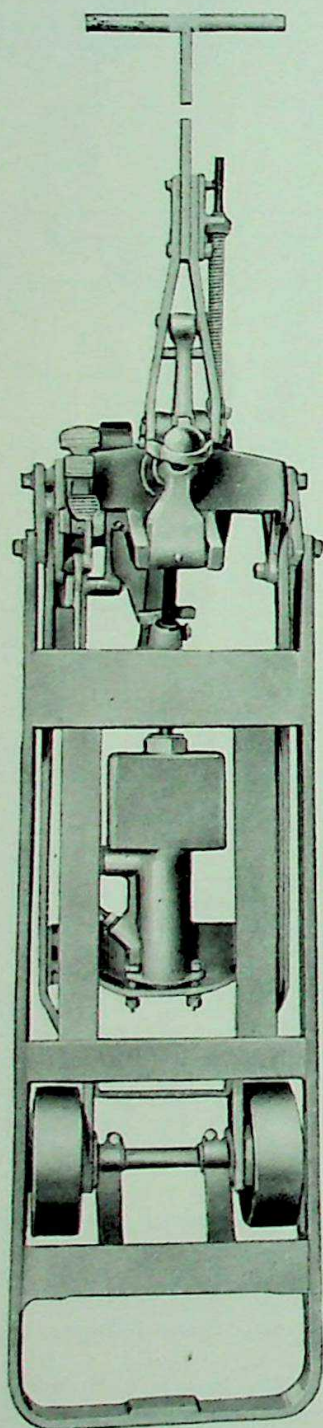
Like all Barrett Lift-trucks, the Big Boy is built with four wheel construction—front wheels wide-spread.

Witness the time and money saving performance of the Big Boy in your plant under your working conditions. Write for FREE TRIAL.

a word to the

CHIEF ENGINEER

about **BARRETT SPEED BOY** and **BIG BOY** multiple stroke lift-trucks



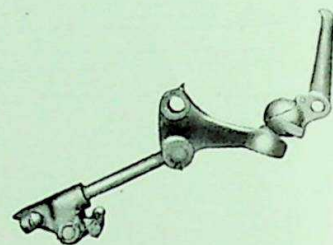
SIMPLICITY

Perhaps the best way to emphasize the simplicity in design of the NEW BARRETT SPEED BOY is to state that it has 25 FEWER PARTS than any other multiple stroke truck. This means fewer moving parts—much lower maintenance cost.

We deliberately set out to build a truck with FEWER PARTS because we wanted to build a truck as near TROUBLE-FREE as possible. We realized users were getting tired of spending good money to keep their lift-trucks in running order. We realized that they wanted a truck that would give uninterrupted service.

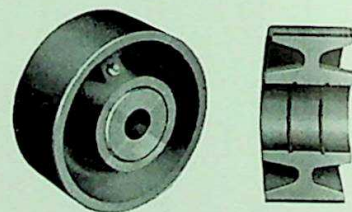
In addition to having fewer parts we are honest in our belief that it has STRONGER PARTS. What better proof can be offered than the fact that even with fewer parts, the BARRETT SPEED BOY weighs as much as any other lift-truck of equal size and capacity. Furthermore, the various parts are made of the correct grades of steel, properly treated, for the service imposed upon them.

The statements and illustrations to follow further prove our claims. Read them carefully and then let us ship you a SPEED BOY for 15 days' FREE TRIAL.



ADJUSTABLE LIFTING TRAIN

Parts under stress and motion ultimately wear. In the lifting train this is compensated by adjustment. It requires removing one pin, giving the nut one or two turns, and the truck is back in exact adjustment. Lost motion is compensated—a full 3-inch lift assured even after years of use.



LONG WEARING WHEELS

Railroads set the standard for our wheels. The surface is chilled iron, hard as flint, with a soft grey iron web. The first means long hard duty with a minimum of wear, and the softer inner web is insurance against breakage. Steel wheels are also available.

SPRING HANDLE HOLDUP

This prevents the handle falling to the floor—smashing toes—giving trouble. It keeps the handle up and out of the aisles, and makes a balanced handle that is easier for the trucker.

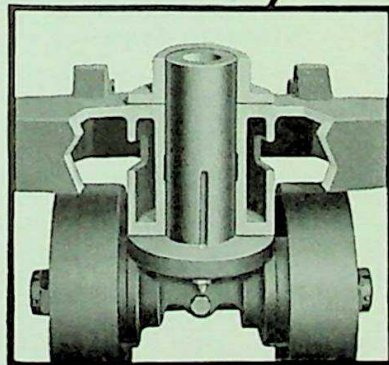
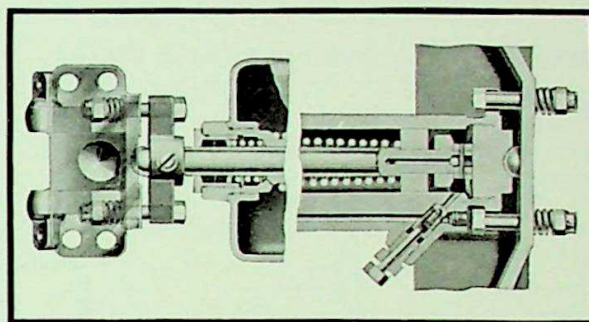
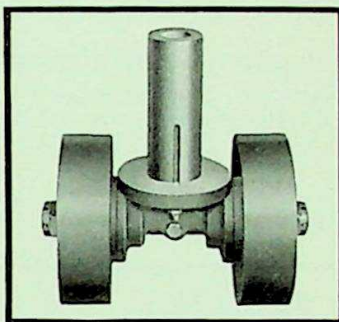
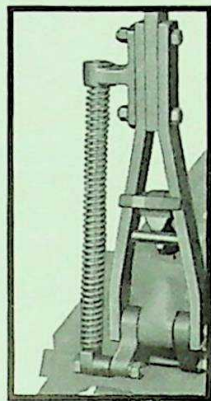
ON THE JOB, THESE FEATURES MEAN TROUBLE-FREE PERFORMANCE

LARGE DIAMETER KINGBOLT

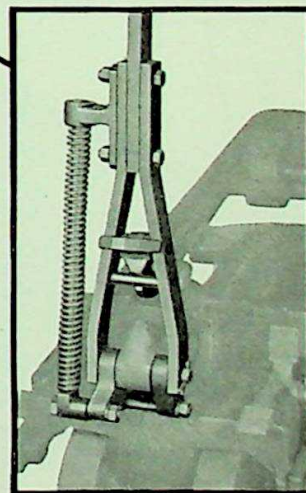
An important factor that reduces wear and assures years of service is the king-bolt, a malleable iron kingbolt turning in a cast steel crosshead. Notice the oil groove aid to proper lubrication.

TROUBLE PROOF BEARINGS

The release check mounted on swivel journals top and bottom never develops lost motion, because the spring mounting automatically takes up any slight wear. This ball and socket mounting assures alignment and prevents off center stresses causing binding. No lubrication or attention is needed.

**LOW, LARGE
TURNTABLE**

This low turntable, close to the axle of the front wheels, and the long support of the king-bolt shank in the crosshead, is approved construction, important in building a truck for long hard use and in preventing the assembly from becoming loose and wobbly.

**WIDE SPACING OF
HANDLE FORKS**

A feature that enables the trucker to easily handle the Barrett Speed Boy and Big Boy is the heavy generous construction. Note how the handle forks are spread to get a good "bite" on the kingbolt cap. This eliminates wobbly handles and makes the truck both easy to steer and to roll.

FEWER PARTS IN SPEED BOY AND BIG BOY

Consistent with good design, sound engineering, and long uninterrupted service Barrett's Speed Boy and Big Boy are deliberately built with fewer parts. Over 25 parts are eliminated. Yet pound for pound the strong

sturdy weight remains. So, on the job, part for part, Barretts are stronger, will last longer, require less maintenance, and prove their economy in any industry.

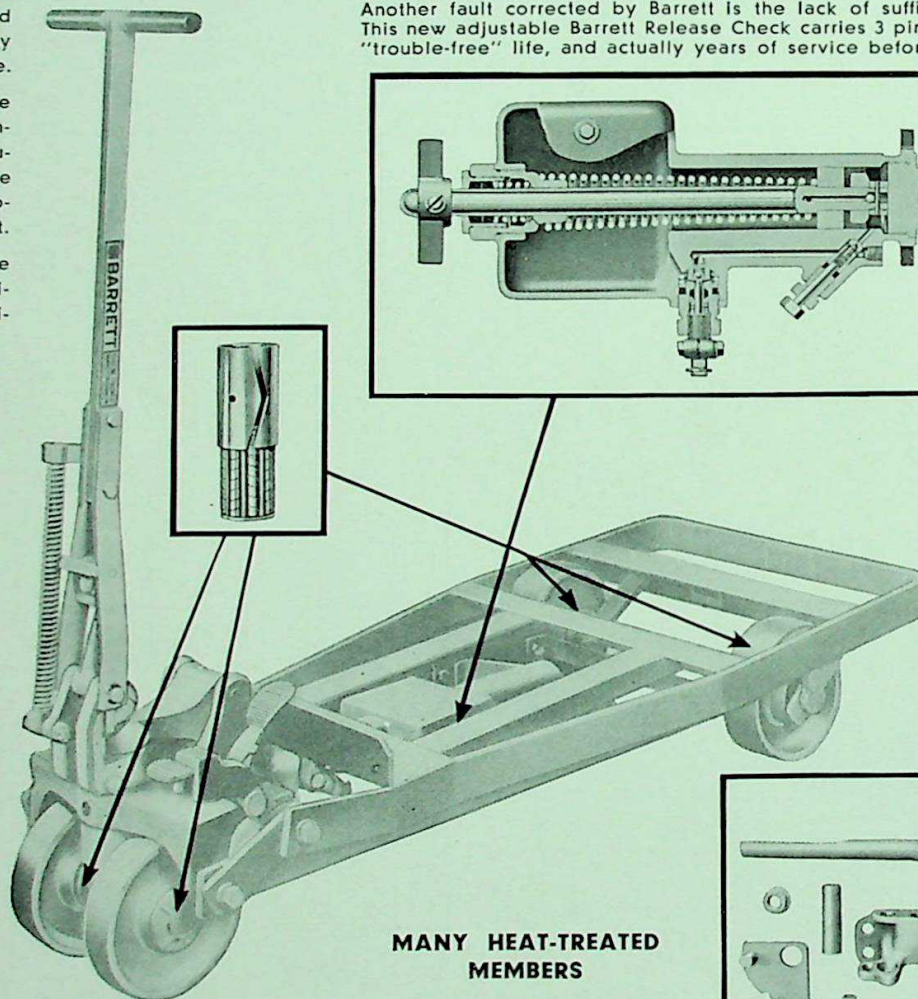
more points for the CHIEF ENGINEER about **BARRETT SPEED BOY** and **BIG BOY** lift trucks

WHEEL BEARINGS

Barrett Lift-Trucks have as standard equipment Hyatt Roller Bearings in all four wheels. They are of ample capacity for the rated load and will stand up for many years of long sturdy service.

The bearing assemblies are all easily demounted for inspection, cleaning and lubrication, and represent the latest trend in hand propelled handling equipment.

Those desiring may have Ball Bearings of the Lubri-seal type at a slight additional cost.



ADJUSTABLE OVER-CAPACITY RELEASE CHECK

Without question, the latest improvement in hand lift-trucks is the adjustable release check as perfected by Barrett. A thumb screw permits adjusting the release check for slow or fast action, depending on the desire of the operator. No more banging loads. No more slow, irritating, time-wasting moments spent waiting for a lift-truck to lower the load.

Another fault corrected by Barrett is the lack of sufficient oil and air capacity. This new adjustable Barrett Release Check carries 3 pints of oil which means long "trouble-free" life, and actually years of service before refilling is required.

GLAND AND PACKING OF RELEASE CHECK

The construction here follows the latest engineering development—the packing being kept under uniform pressure by a spring. This again means automatic adjustment, few repairs and long life.

LOW PRESSURE RELEASE LATCH

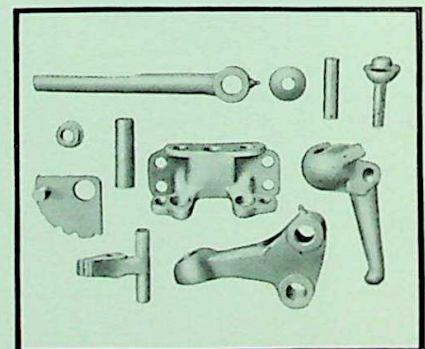
All lift-trucks lifting with more than one stroke of the handle, have the problem of heavy stress on the release latch, shortening their life, and requiring early repair and replacement expense.

For the Barrett Speed Boy, there has been developed a low pressure release latch, which means long life and freedom from trouble and adjustment.

The quiet "click" when the Barrett Speed Boy is released under load is definite evidence of the light pressure on the release latch, and reflects its long life.

MANY HEAT-TREATED MEMBERS

Many members are heat treated. In each case, the proper heat treatment is selected—either carburizing or tempering. Wherever there is a moving member under load, which forms a bearing, the parts are protected by hardening, to insure long life.



JUN 24 1948

DESIGN

Good design means long life and trouble-free operation

DESIGN DIVISION

Good materials and good workmanship—with close tolerances—are not in themselves sufficient. Back of these lies the fundamental of **GOOD DESIGN**—insuring long-life and trouble-free operation. Without good design, all other elements are largely wasted.

We have tried to indicate in the preceding pages how Barrett Engineering has designed well for best operation and most of all for long,

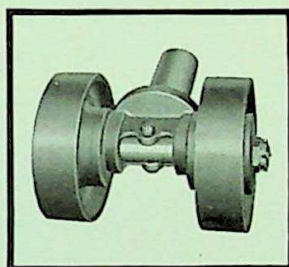
steady service of the Speed Boy, which means low ultimate cost.

The **SPEED BOY** is designed for Engineers and owners who have lost patience with high repair bills—with frequent replacements. Only **GOOD DESIGN** can assure this.

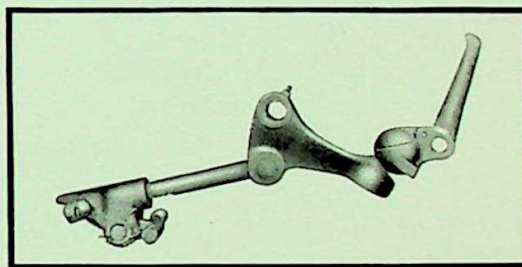
We ask the careful attention of every mechanic to the points illustrated which make the Speed Boy the superior of any Multiple Stroke Lift-truck ever offered.

FRONT AXLE IS TIGHTLY CLAMPED IN PLACE

To prevent motion of the front axle in the kingbolt, the axle is tightly clamped to center wings of the kingbolt by means of an S.A.E. bolt and nut. This is just another example of good engineering, for an axle carelessly mounted in the kingbolt will turn and wear and require replacement of both the axle and the kingbolt. With the bearing mounting, the axle is good for the life of the truck. No wear will show up there.

**LARGE SECTIONS IN MEMBERS OF LIFTING TRAIN**

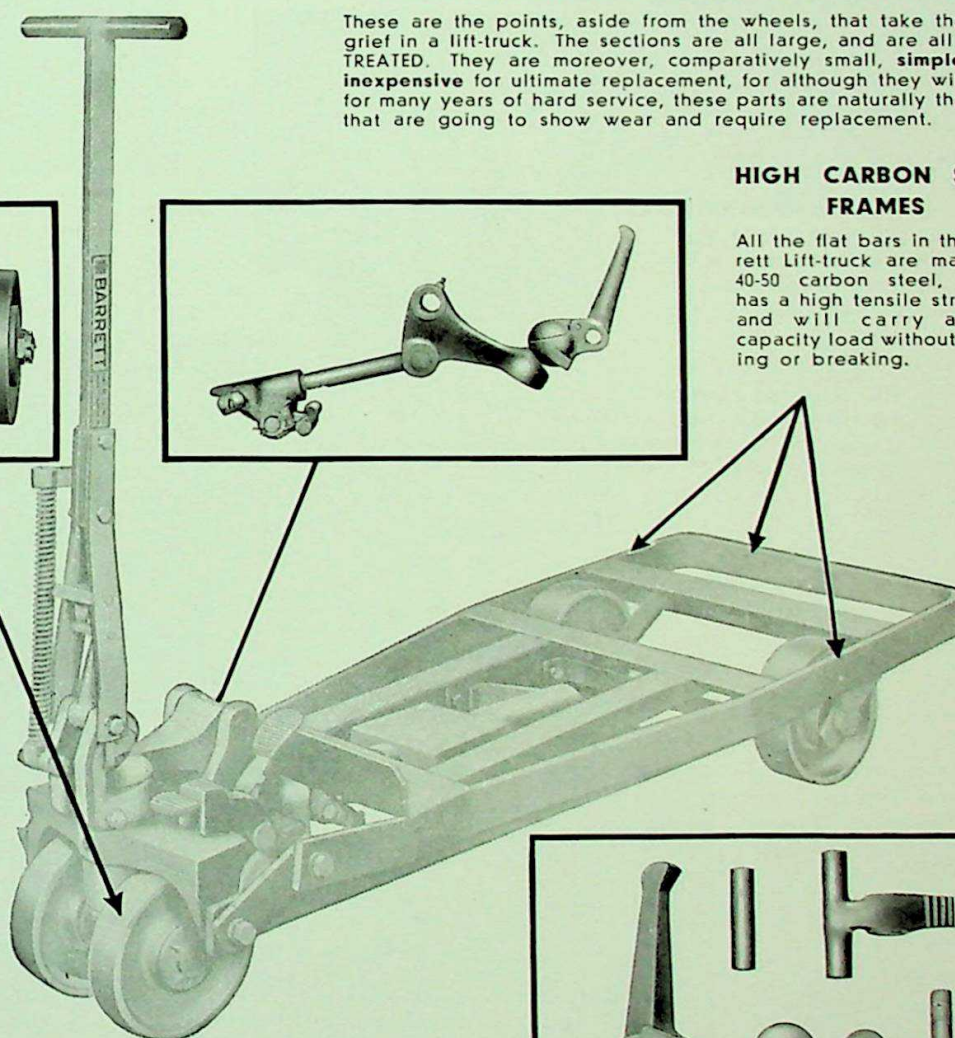
These are the points, aside from the wheels, that take the big grief in a lift-truck. The sections are all large, and are all **HEAT TREATED**. They are moreover, comparatively small, **simple** and **inexpensive** for ultimate replacement, for although they will last for many years of hard service, these parts are naturally the first that are going to show wear and require replacement.

**HIGH CARBON STEEL FRAMES**

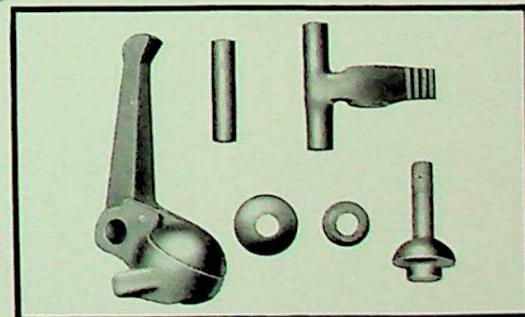
All the flat bars in the Barrett Lift-truck are made of 40-50 carbon steel, which has a high tensile strength, and will carry a high capacity load without bending or breaking.

MANY STRUCTURAL AND ROLLED SECTIONS

Structural and rolled sections are the equivalent of forgings. They give the greatest strength for their weight. Liberal use has been made of these sections in the Barrett Speed Boy. Where castings would ordinarily be used, we have changed to the more modern form of rolled and structural sections wherever possible.

**WEAR IS CONFINED TO SMALL INEXPENSIVE PARTS**

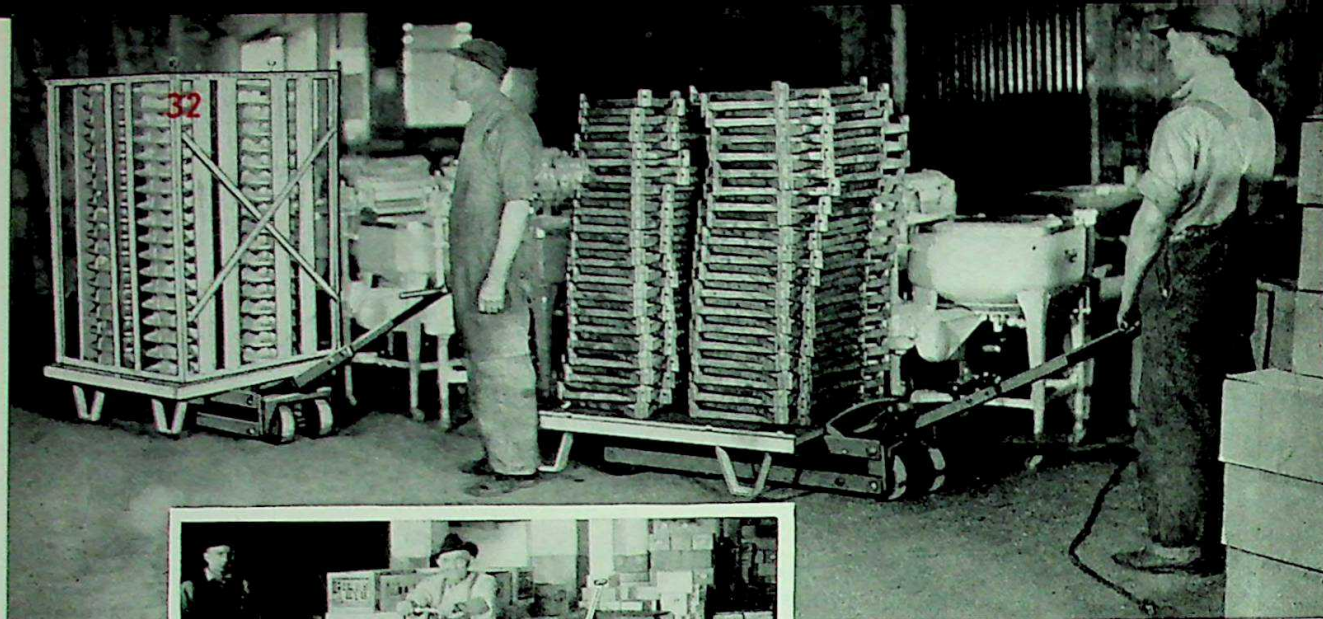
On the Barrett Speed Boy, wherever a member swings on a shaft, the shaft is pinned in one member or the other, confining the wear to the smaller, less expensive part. This part is then heat treated so that long life is assured—and finally—after years of service, where replacements are necessary, the **expense** of such replacements is **small**.



A few uses



450. These platform loads of frames go from one operation to another without unnecessary piling and re-piling. Fifty Barrett Lift-trucks do the work in this Washing Machine Plant.



457. On Barrett Lift-trucks—boxes, rolls, bags, crates, baskets, etc., pass in and out of this grocers' warehouse in Cleveland.



462. One man handled 27 to 30 sacks as a load when this flour was delivered from storage on Barrett Steeleg Platforms with Barrett Lift-trucks.

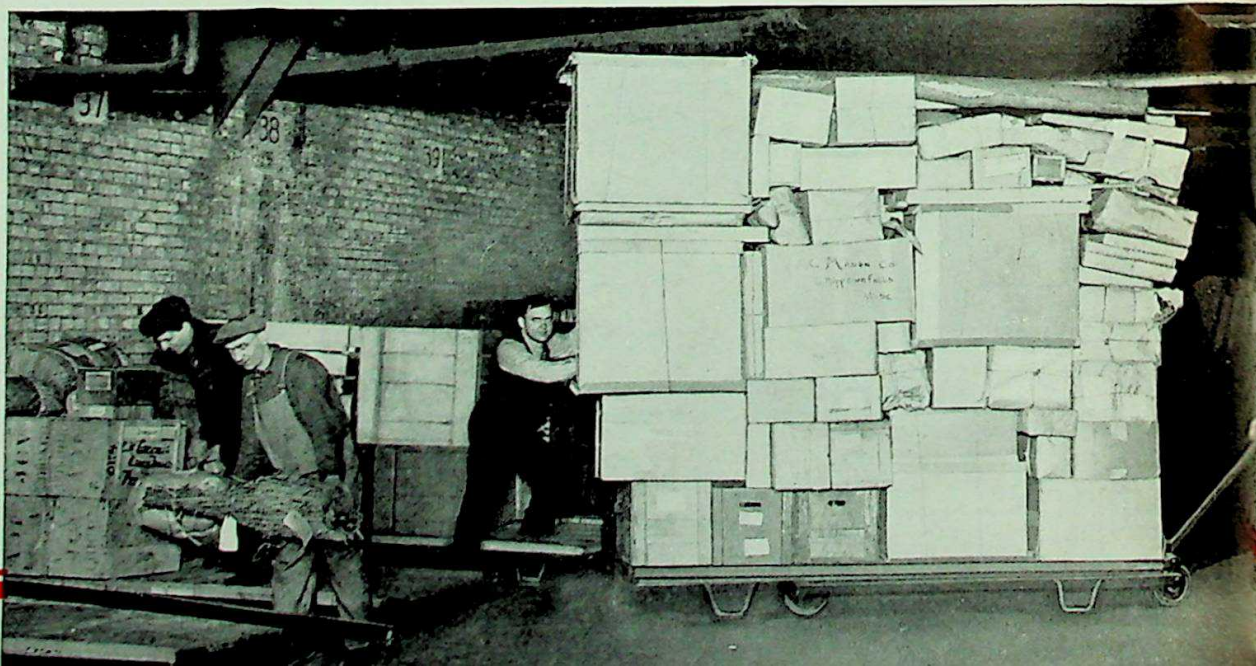


461. Loading perishable produce—shipments that demand fast and careful handling—is an ideal money saving job for a Barrett.



456. In the garage, Chicago Busses are serviced by Barrett Lift-trucks. These steel gratings are used to cover idle greasing pits.

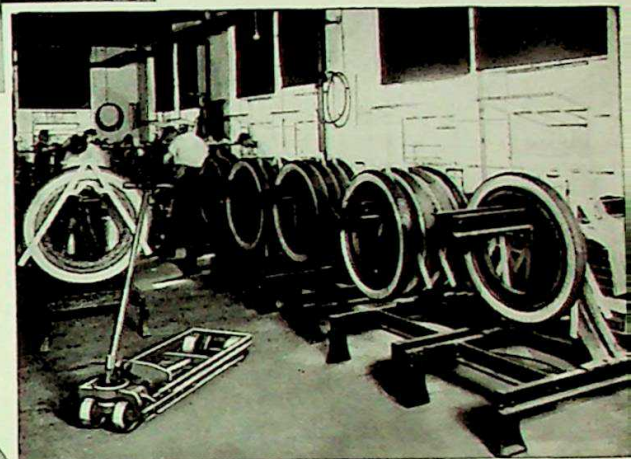
455. A big load—but the express company does it with Barretts. The wide spread front wheels on the Barrett give a high load like this the stability it requires.





Some
more
uses

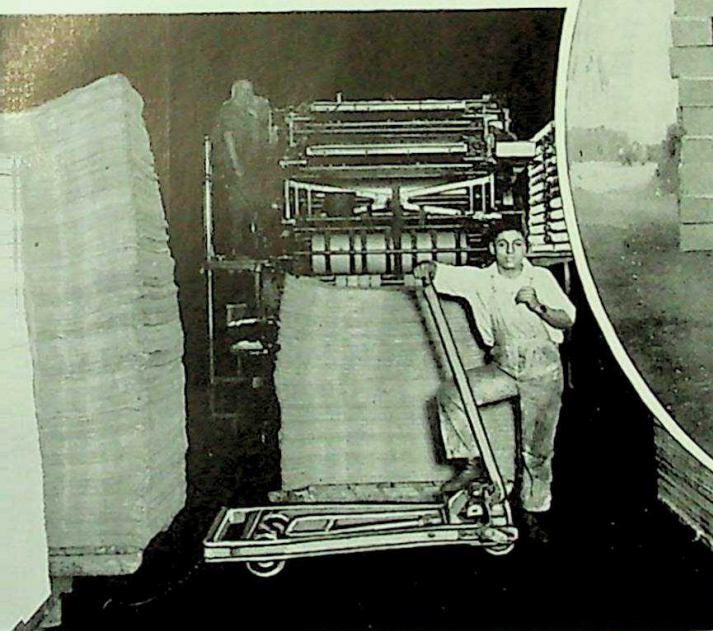
Barrett Lift-trucks in the World's Largest Produce Market mean low cost handling plus the speed so essential to a profitable turnover in one of the world's fastest "handling" industries.



487

In Ohio, where the finest automobile tires are made, specially designed racks and Barrett Lift-trucks roll the tires from one operation to another.

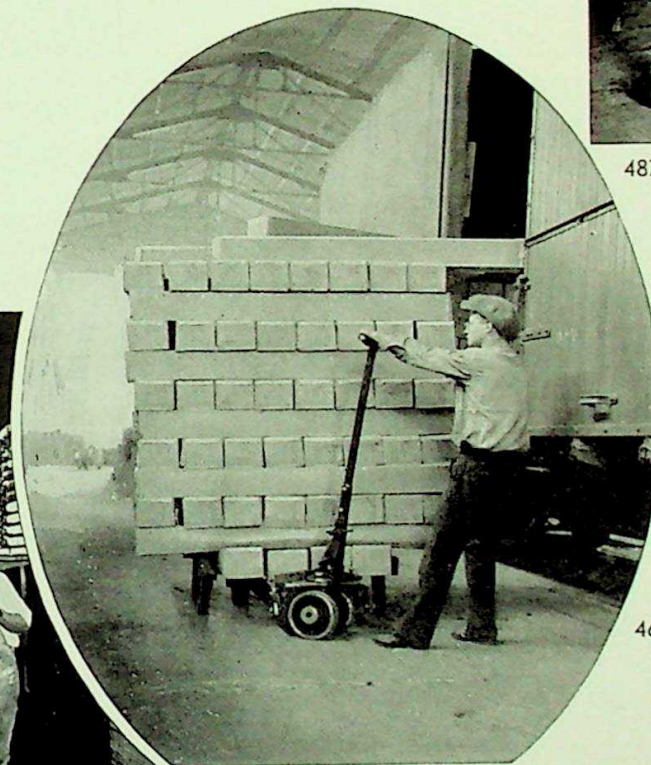
Tough Jobs Made Easy



Is this your weekly? The printing industry uses more lift-trucks than any other. But then, the lift-truck idea was born in a printing plant. With a Barrett you can take advantage of their best experience.

Barrett Lift-trucks moved these huge skids of paper now waiting for the press. Some printers have Barretts fifteen years old and still in good operating condition.

495

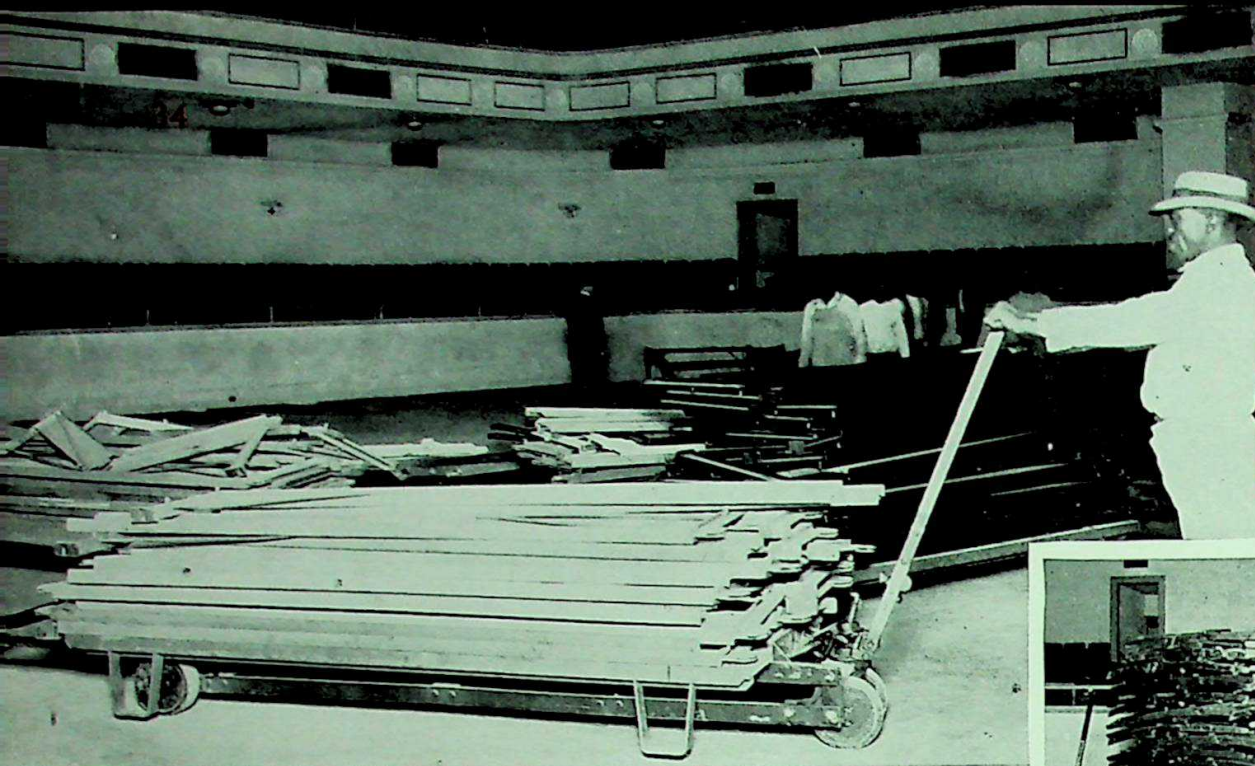


463

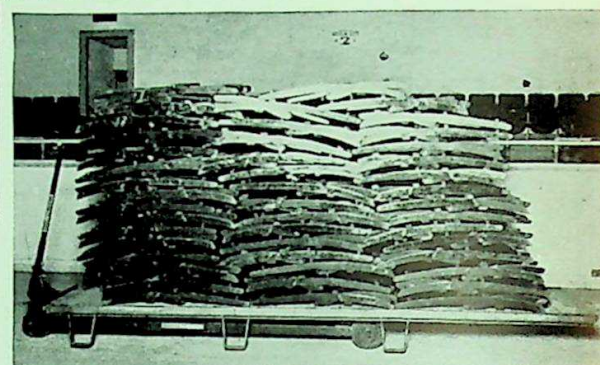
A Barrett Lift-truck rolls this huge load of automobile bumpers up to a freight car en route to Detroit.



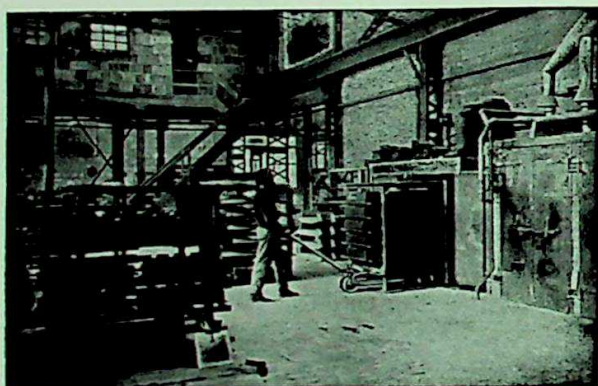
Uses



489. The use of Barrett Lift-trucks and Steeleleg Platforms in The Memphis Auditorium promotes speed and ease in handling, yet eliminates breakage of chairs and platforms.



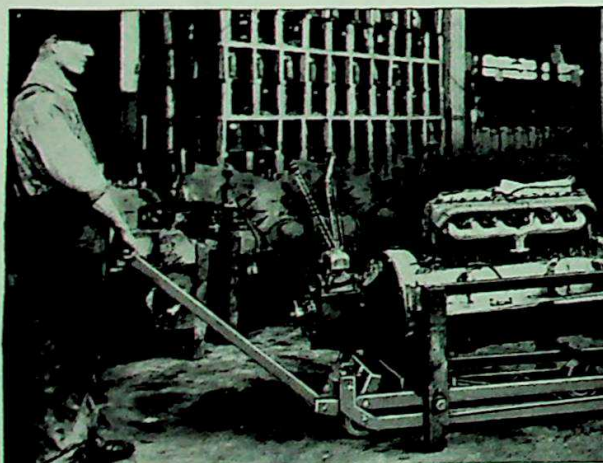
490. A load of chairs in the auditorium ready to set up to accommodate the crowd at the night's entertainment.



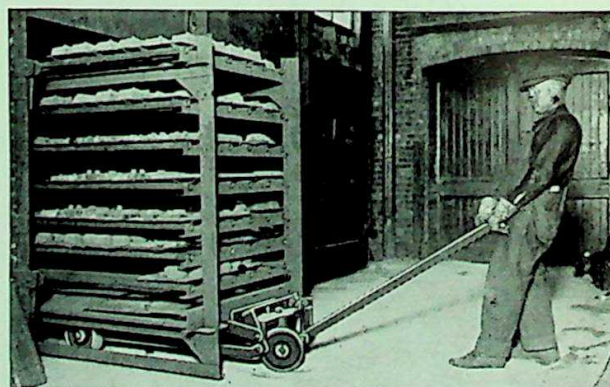
458. Loads of fragile cores are handled in and out of ovens on Barrett Spring Frame Lift-trucks without damage.



491. Chairs and foot boards in storage, leaving the floor of the auditorium free for more active entertainment.



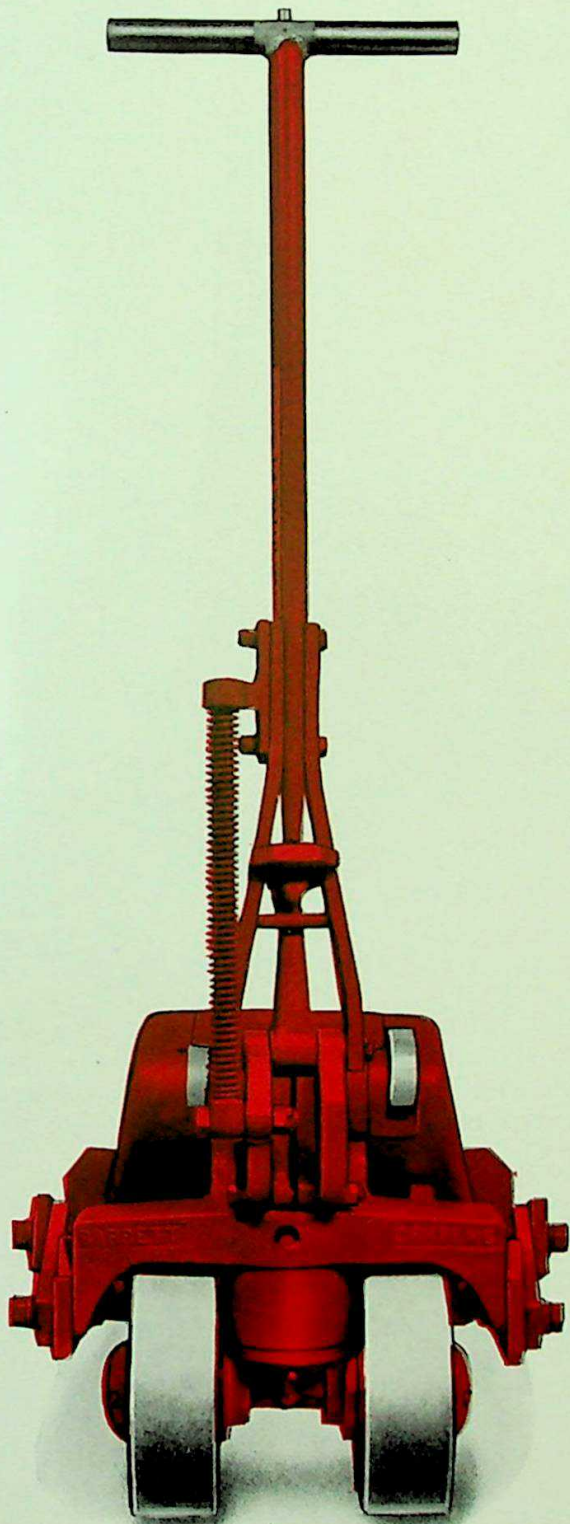
452. The Nash Motor Car Co. use Barrett Lift-trucks to handle their automobile motors through assembly. One man moves them without possibility of damage to the product or himself.



453. Fragile cores used in foundry work are handled by this skilled trucker on a Barrett Spring Frame Truck without breakage.

BARRETT LIFT-TRUCKS

BARRETT HYDRAULIC LIFT TRUCKS



The ultimate in Hydraulic Lift-Trucks. The new simplified design, so simple and so different, that there is little wonder why Barrett Lift-Trucks are the choice of industry today.

Unlike anything offered before, this NEW Barrett Hydraulic Lift Truck has certain built-in features that assure satisfactory operation over a long period of time. These features include:

1. A totally enclosed pump unit and a horizontally mounted lifting ram—each a self contained, powerful sturdy unit.
2. Complete hydraulic lifting and lowering—takes few or as many strokes as desired to lift the load. Operation can be fast for light loads, and easy for the heavy ones.
3. Hydraulic ram equipped with self aligning foot and piston ends to compensate for upper frame sway and deflections.
4. Hydraulic ram provided with air breather tube—generous size piston rod, long bearings, and high grade leather cups.
5. Spring type packing gland used—this type is practical and efficient.
6. Exclusive with Barrett is the Oil Governor that automatically controls speed of light or heavy load drop—simple, rugged construction.
7. Pump housing has large oil capacity. Requires less frequent attention.
8. Four wheel construction with front wheels widespread for greater stability. This feature is especially desirable on high loads. In addition, it relieves the kingbolt and the frames from undue wrenching and strain.
9. Large, low turntables—set between the front wheels. Good design which every engineer recognizes immediately.
10. High lift—either full 4" or 6".
11. Fully protected mechanism. The Hydraulic pump is fully enclosed—out of the dust and dirt. The hydraulic check is mounted between the frames and fully protected by a sturdy steel plate.
12. The release treadle is built integral with pump housing so it cannot become tripped accidentally, a safety feature.
13. Frames are fully bushed—will not wear.
14. Spring handle holdup with convenient thumb release.
15. Interchangeable pump unit—easily replaced to change number of handle strokes or handle effort.
16. New valve construction—with check balls close to pump. Short oil channels. This insures quick, smooth action—no wasted strokes.
17. Hydraulic pump mounted vertically—as it should be—to provide maximum efficiency.
18. Automatic shutoff when load is in maximum raised position.

Where a high lift and easy lift effort are required, be sure to specify the NEW Barrett Hydraulic Lift-Truck.

AVAILABLE FOR FREE TRIAL

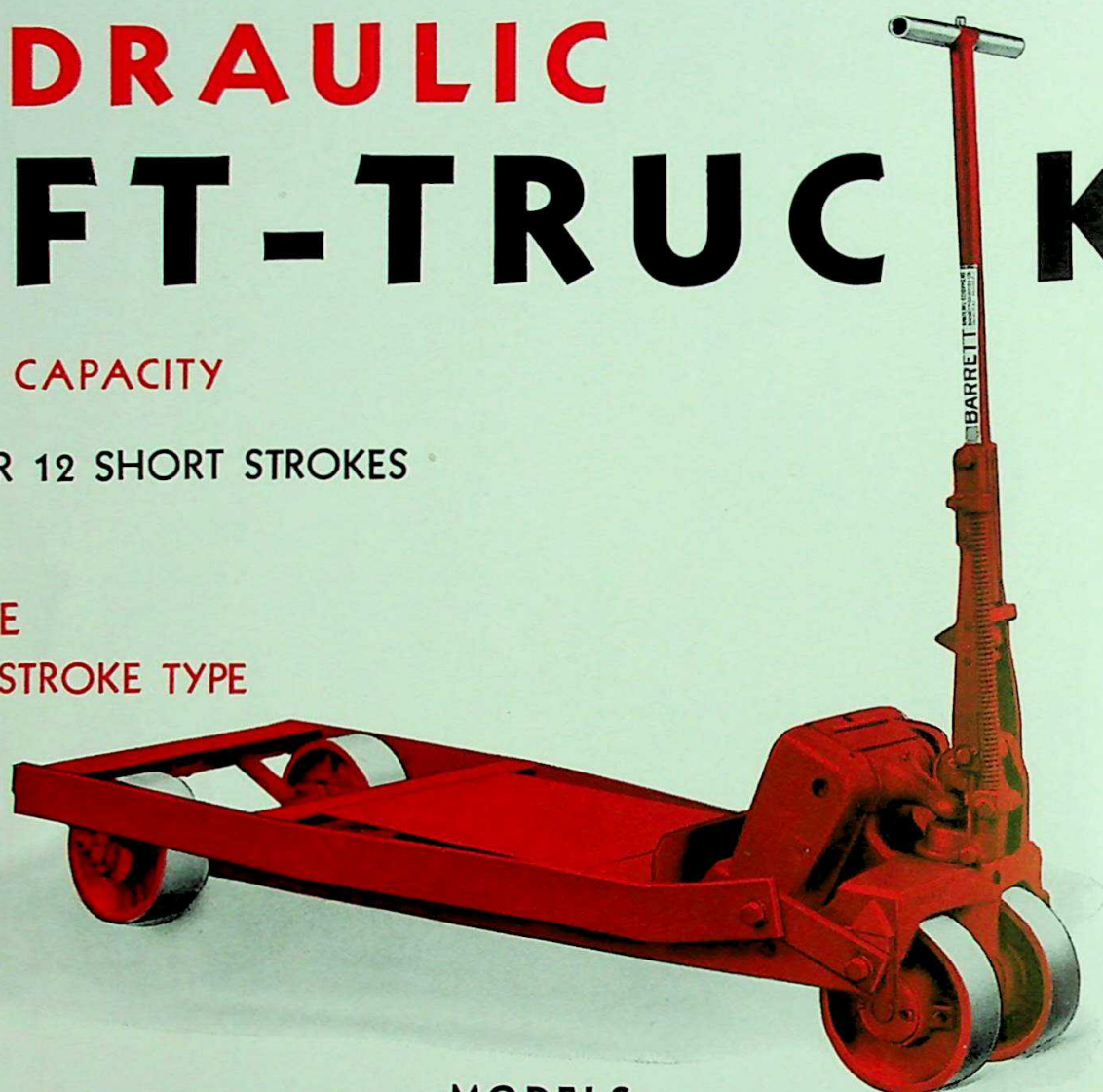
BARRETT HYDRAULIC LIFT-TRUCKS

3500 LBS. CAPACITY

6 FULL OR 12 SHORT STROKES

HM LINE

MULTIPLE STROKE TYPE



MODELS

NARROW-STANDARD . . 19"
HM lift 4" or 6"

WIDE-STANDARD 25"
HMK lift 4" or 6"

Time-tested Barrett construction plus the very latest developments in hydraulic mechanism make the new Barrett Lift-trucks the finest money value in the hydraulic lift-truck field. Sturdy design, trouble-free operation and safety are key-note features.

APPLICATION

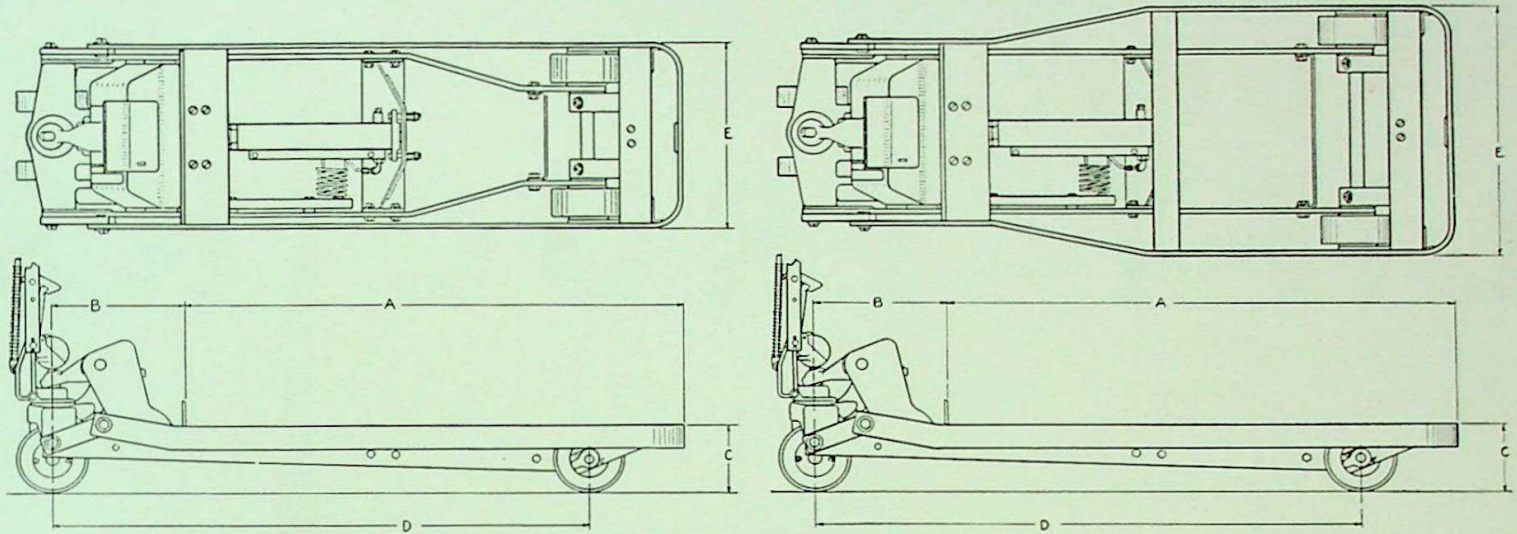
The Hydrolift Junior is built for loads up to 3500 pounds and operates with any type or make skid, of any length. The narrow HM model handles loads up to 36 inches in width—the wide HMK model is built for wider loads, up to

48 inches. Ideal for heavy loads that must be hauled up and down ramps and in and out of trucks, freight cars and elevators.

OPERATION

Easy—Safe. Merely roll the truck under the skid and pump the handle—use full strokes for quick lifts, short strokes for heavy loads. To lower load, step on release pedal—load is gently lowered to floor. Though a 4 inch lift is standard, the Hydrolift Junior can be equipped with a 6 inch lift at slight additional cost.

HYDROLIFT JUNIOR MODELS—DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

HM NARROW MODEL 19"					NARROW AND WIDE MODELS				25" WIDE MODEL				HMK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
HIM-636	24	30	36	48	36	6	42 $\frac{1}{4}$	53 $\frac{3}{4}$	48	48	30	30	HMK-636
HIM-642	24	36	36	54	42	6	45 $\frac{1}{4}$	59 $\frac{3}{4}$	54	48	36	30	HMK-642
HIM-648	24	42	36	60	48	6	51 $\frac{1}{4}$	65 $\frac{3}{4}$	60	48	42	30	HMK-648
HIM-654	24	48	36	66	54	6	57 $\frac{1}{4}$	71 $\frac{3}{4}$	66	48	48	30	HMK-654
HIM-660	24	54	36	72	60	6	63 $\frac{1}{4}$	77 $\frac{3}{4}$	72	48	54	30	HMK-660
HM-736	24	30	36	48	36	7	42 $\frac{1}{4}$	53 $\frac{3}{4}$	48	48	30	30	HMK-736
HM-742	24	36	36	54	42	7	45 $\frac{1}{4}$	59 $\frac{3}{4}$	54	48	36	30	HMK-742
HM-748	24	42	36	60	48	7	51 $\frac{1}{4}$	65 $\frac{3}{4}$	60	48	42	30	HMK-748
HM-754	24	48	36	66	54	7	57 $\frac{1}{4}$	71 $\frac{3}{4}$	66	48	48	30	HMK-754
HM-760	24	54	36	72	60	7	63 $\frac{1}{4}$	77 $\frac{3}{4}$	72	48	54	30	HMK-760
HM-936	24	30	36	48	36	9	41 $\frac{1}{4}$	53 $\frac{3}{4}$	48	48	30	30	HMK-936
HM-942	24	36	36	54	42	9	44 $\frac{1}{4}$	59 $\frac{3}{4}$	54	48	36	30	HMK-942
HM-948	24	42	36	60	48	9	50 $\frac{1}{4}$	65 $\frac{3}{4}$	60	48	42	30	HMK-948
HM-954	24	48	36	66	54	9	56 $\frac{1}{4}$	71 $\frac{3}{4}$	66	48	48	30	HMK-954
HM-960	24	54	36	72	60	9	62 $\frac{1}{4}$	77 $\frac{3}{4}$	72	48	54	30	HMK-960
HM-972	24	66	36	84	72	9	74 $\frac{1}{4}$	89 $\frac{3}{4}$	84	48	66	30	HMK-972
HM-9-11-36	24	30	36	48	36	11	40 $\frac{1}{4}$	53 $\frac{3}{4}$	48	48	30	30	HMK-9-11-36
HM-9-11-42	24	36	36	54	42	11	43 $\frac{1}{4}$	59 $\frac{3}{4}$	54	48	36	30	HMK-9-11-42
HM-9-11-48	24	42	36	60	48	11	49 $\frac{1}{4}$	65 $\frac{3}{4}$	60	48	42	30	HMK-9-11-48
HM-9-11-54	24	48	36	66	54	11	55 $\frac{1}{4}$	71 $\frac{3}{4}$	66	48	48	30	HMK-9-11-54
HM-9-11-60	24	54	36	72	60	11	61 $\frac{1}{4}$	77 $\frac{3}{4}$	72	48	54	30	HMK-9-11-60
HM-9-11-72	24	66	36	84	72	11	73 $\frac{1}{4}$	89 $\frac{3}{4}$	84	48	66	30	HMK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

Barrett Hydrolifts—Junior and Senior—combine the time-tested Barrett standard of construction with the highest grade materials and the very latest development in hydraulic mechanism. No makeshift workmanship.

The hydraulic pump is set low between the crosshead and the upper frame to eliminate bulk and lower the truck's center of gravity. The pump assembly proper is interchangeable—can easily be removed with little time and effort. This feature assures the utmost economy in maintenance time and costs.

All oil is strained each time it is pumped from reservoir into the hydraulic ram. A large capacity oil reservoir provides years of service without attention. The cylinder of the hydraulic ram which raises, holds and lowers the load—at a

governed speed—has a finely honed, mirror-like surface finish, to prevent oil leakage and provide long life and maximum efficiency in operation. The entire hydraulic unit is machined and made by Barrett—this is not an assembled job. For strength and stability, the Barrett Hydrolift Junior is equipped with a generous size kingbolt and a large turntable set low between wide-spread front wheels. Spring handle hold-up, thumb handle release and high pressure lubrication are other features which make this Lift-truck's performance outstanding in the hydraulic field.

Semi-steel wheels and Hyatt bearings are standard equipment. All type composition and rubber tired wheels and Ball bearings are available at slight additional costs.

Use the Hydrolift Junior and two skids in your plant under your particular working conditions. Write for FREE TRIAL.

BARRETT HYDRAULIC LIFT-TRUCKS

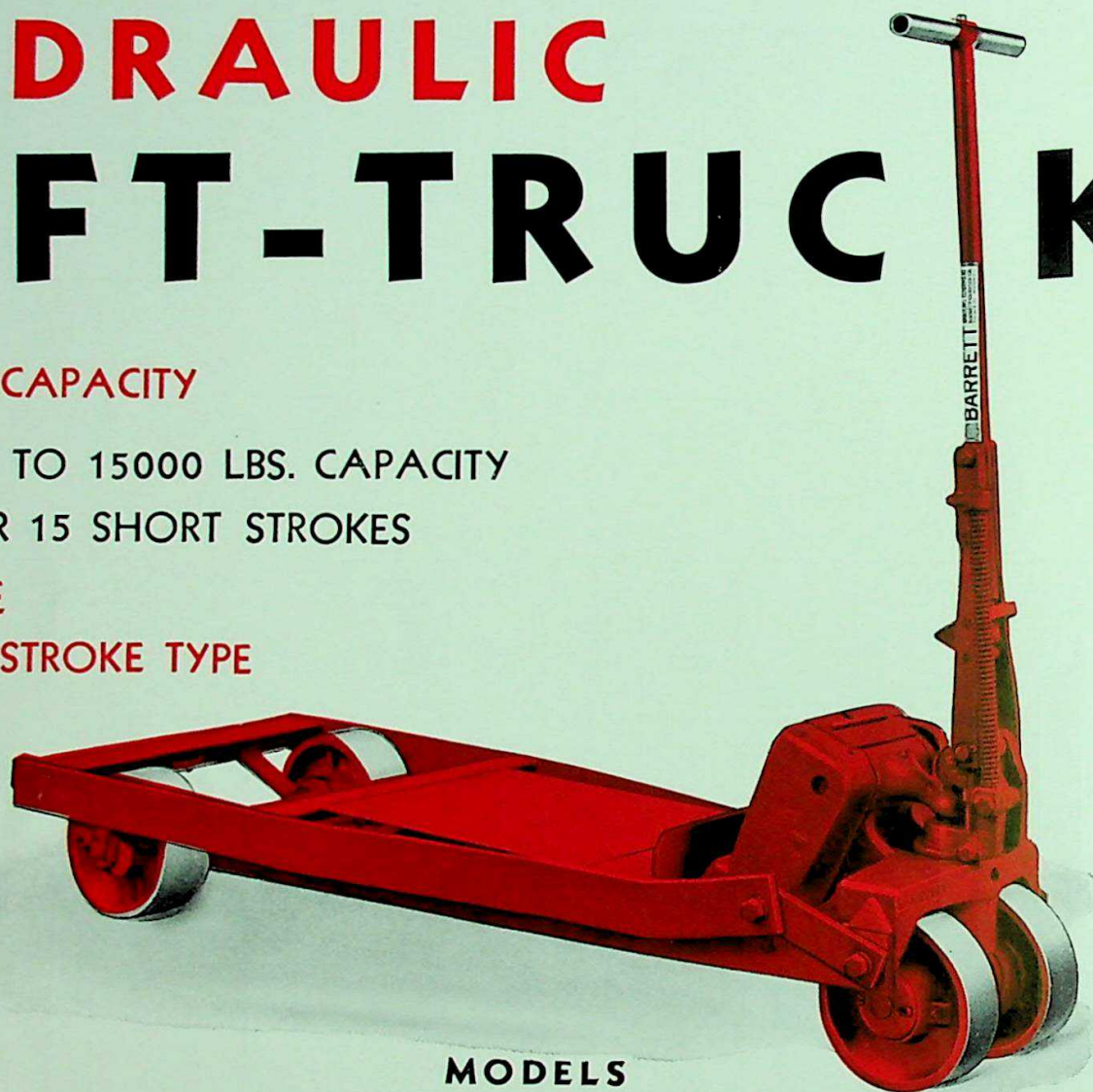
5000 LBS. CAPACITY

MADE UP TO 15000 LBS. CAPACITY

8 FULL OR 15 SHORT STROKES

HY LINE

MULTIPLE STROKE TYPE



MODELS

NARROW-STANDARD . . 19"

HY lift 4" or 6"

The new, heavy-duty Hydrolift Senior has been designed to: (1) give a full day's work, day-in-day-out, (2) have fewer troublesome parts, (3) be sturdier in construction than any comparable models, and (4) fit the most exacting and specific requirements.

APPLICATION

The Hydrolift Senior is built for loads up to 15,000 pounds (the standard model has a load capacity of 5,000 pounds) and operates with any type or make skid, of any length. The narrow HY model is designed for loads up to 36 inches in width—the wide HYK model for loads to 48 inches in

WIDE-STANDARD 25"

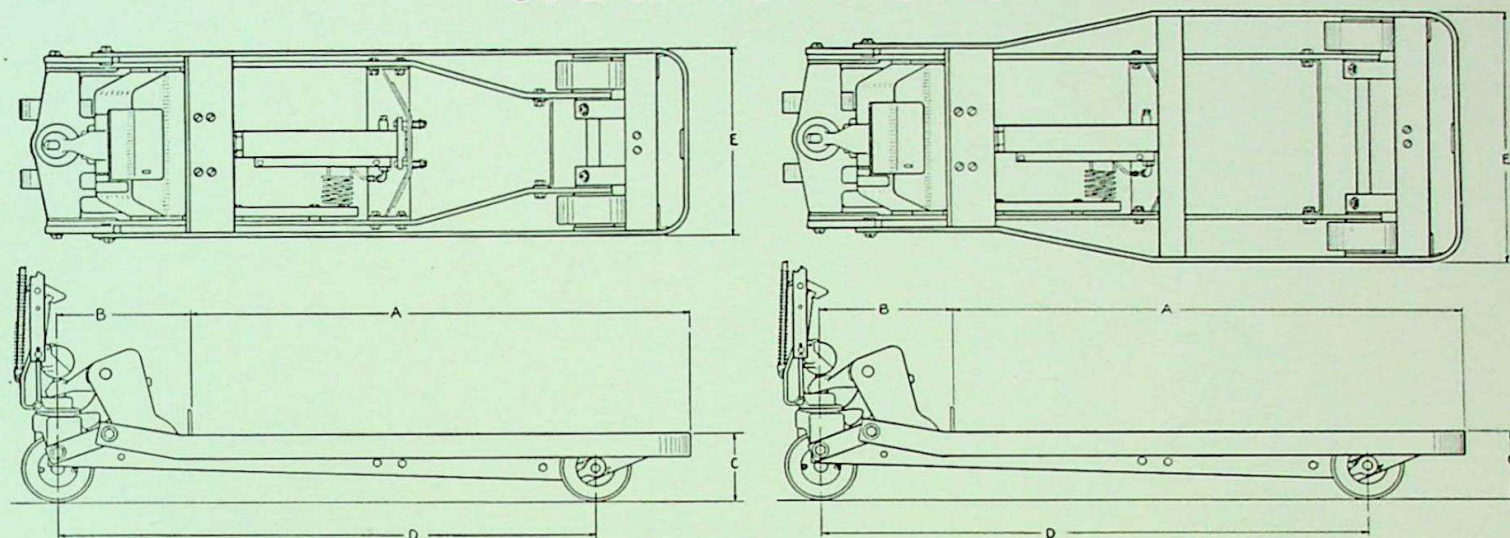
HYK lift 4" or 6"

width. Especially suited for those extra heavy loads that must be hauled up and down ramps and in and out of trucks, freight cars and elevators.

OPERATION

Operator rolls truck under skid and lifts load to full height with 8 long or 15 short, easy strokes of the handle. Long strokes for quick lift—short strokes for heavy loads. Though 4 inch lift is standard, a 6 inch lift is available at little extra cost. Handle can be disengaged and made ready for towing at any stage of the lifting operation by merely pressing thumb handle release. To lower load, operator steps on treadle—load is gently lowered to floor.

HYDROLIFT SENIOR MODELS — DIMENSIONS AND SPECIFICATIONS



SPECIFICATIONS IN INCHES

HY NARROW MODEL 19"					NARROW AND WIDE MODELS				25" WIDE MODEL				HYK
Model	Minimum Platform Handled		Maximum Platform Handled		Length of Carrying Frame (A)	Wheel Dia. and Height When Lowered (C)	Wheel Base (D)	Overall Length	Maximum Platform Handled		Minimum Platform Handled		Model
	Width	Length	Width	Length					Length	Width	Length	Width	
HY-636	24	30	36	48	36	6	42 $\frac{1}{2}$	53 $\frac{3}{4}$	48	48	30	30	HYK-636
HY-642	24	36	36	54	42	6	45 $\frac{3}{4}$	59 $\frac{3}{4}$	54	48	36	30	HYK-642
HY-648	24	42	36	60	48	6	51 $\frac{3}{4}$	65 $\frac{3}{4}$	60	48	42	30	HYK-648
HY-654	24	48	36	66	54	6	57 $\frac{3}{4}$	71 $\frac{3}{4}$	66	48	48	30	HYK-654
HY-660	24	54	36	72	60	6	63 $\frac{3}{4}$	77 $\frac{3}{4}$	72	48	54	30	HYK-660
HY-736	24	30	36	48	36	7	42 $\frac{1}{2}$	53 $\frac{3}{4}$	48	48	30	30	HYK-736
HY-742	24	36	36	54	42	7	45 $\frac{3}{4}$	59 $\frac{3}{4}$	54	48	36	30	HYK-742
HY-748	24	42	36	60	48	7	51 $\frac{3}{4}$	65 $\frac{3}{4}$	60	48	42	30	HYK-748
HY-754	24	48	36	66	54	7	57 $\frac{3}{4}$	71 $\frac{3}{4}$	66	48	48	30	HYK-754
HY-760	24	54	36	72	60	7	63 $\frac{3}{4}$	77 $\frac{3}{4}$	72	48	54	30	HYK-760
HY-936	24	30	36	48	36	9	41 $\frac{1}{2}$	53 $\frac{3}{4}$	48	48	30	30	HYK-936
HY-942	24	36	36	54	42	9	44 $\frac{1}{2}$	59 $\frac{3}{4}$	54	48	36	30	HYK-942
HY-948	24	42	36	60	48	9	50 $\frac{1}{2}$	65 $\frac{3}{4}$	60	48	42	30	HYK-948
HY-954	24	48	36	66	54	9	56 $\frac{1}{2}$	71 $\frac{3}{4}$	66	48	48	30	HYK-954
HY-960	24	54	36	72	60	9	62 $\frac{1}{2}$	77 $\frac{3}{4}$	72	48	54	30	HYK-960
HY-972	24	66	36	84	72	9	74 $\frac{1}{2}$	89 $\frac{3}{4}$	84	48	66	30	HYK-972
HY-9-11-36	24	30	36	48	36	11	40 $\frac{1}{2}$	53 $\frac{3}{4}$	48	48	30	30	HYK-9-11-36
HY-9-11-42	24	36	36	54	42	11	43 $\frac{1}{2}$	59 $\frac{3}{4}$	54	48	36	30	HYK-9-11-42
HY-9-11-48	24	42	36	60	48	11	49 $\frac{1}{2}$	65 $\frac{3}{4}$	60	48	42	30	HYK-9-11-48
HY-9-11-54	24	48	36	66	54	11	55 $\frac{1}{2}$	71 $\frac{3}{4}$	66	48	48	30	HYK-9-11-54
HY-9-11-60	24	54	36	72	60	11	61 $\frac{1}{2}$	77 $\frac{3}{4}$	72	48	54	30	HYK-9-11-60
HY-9-11-72	24	66	36	84	72	11	73 $\frac{1}{2}$	89 $\frac{3}{4}$	84	48	66	30	HYK-9-11-72

Other widths, heights and lengths available.

*These models have 9" diameter front wheels and 11" diameter rear wheels.

CONSTRUCTION

Moving "giant" loads of 5,000 pounds or more is a job for a hydraulic type Lift-truck. Moving these loads with maximum speed, safety and economy requires a **Barrett** hydraulic Lift-truck.

Here are a few of the many features which have made the Barrett Hydrolift Senior an outstanding favorite in the short period of time it has been on the market.

Hydraulic pump set low between crosshead and upper frame to eliminate bulk and insure low center of gravity. Interchangeable pump assembly for economy in maintenance time and costs. Extra large capacity oil reservoir. Pump and ram cylinders machined from seamless steel tubing and finely honed to a mirror-like finish to prevent oil

leakage. Internal oil filter—all oil is strained each time it is pumped from reservoir to the hydraulic ram. For maintenance expediency, adjustable packing nut and easily accessible valves.

Here are more outstanding features of the Barrett Hydrolift Senior.

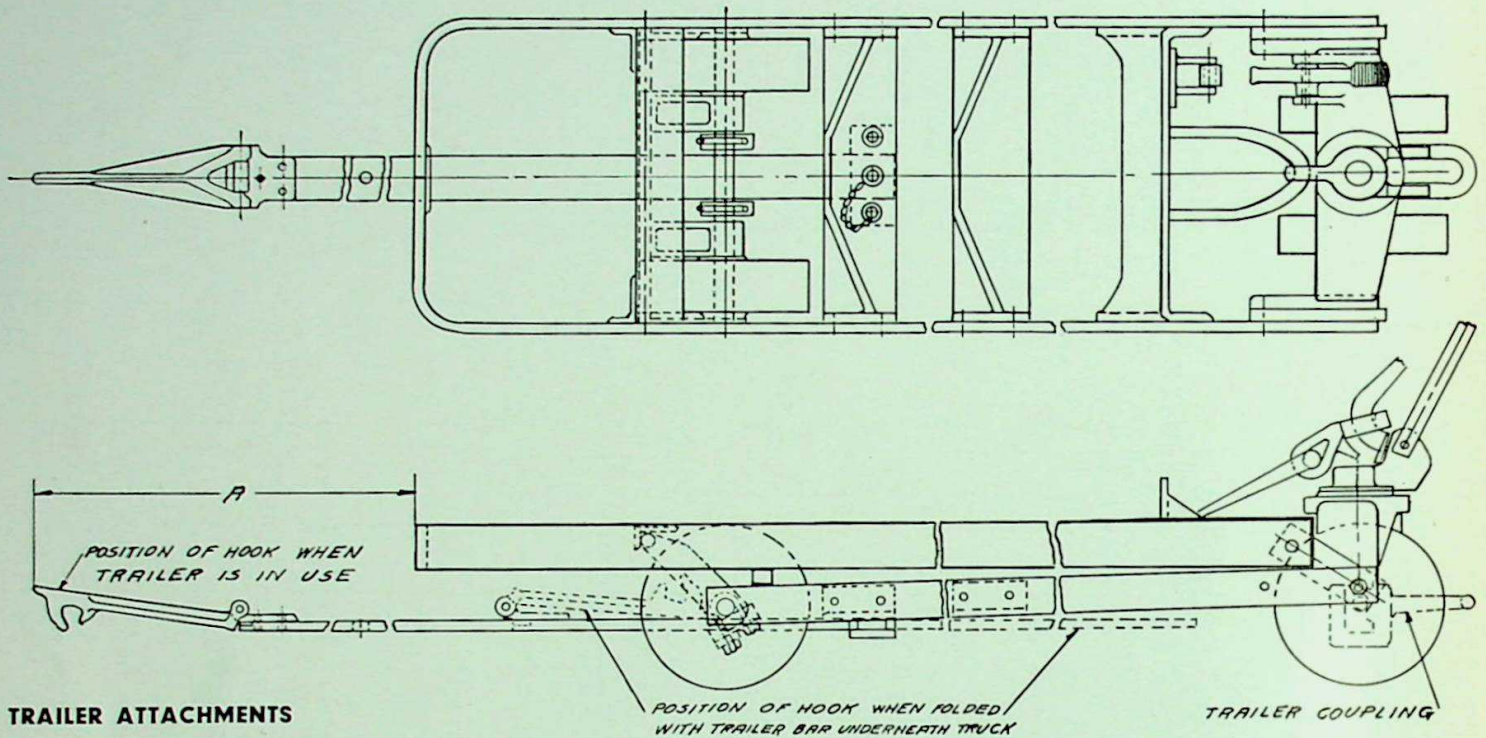
Extra large kingbolt. Large turntable set low between wide-spread front wheels. Spring handle hold-up to keep handle off the floor, out of workmen's way. Thumb handle release. High pressure lubrication.

Semi-steel wheels and Hyatt bearings are standard equipment. Ball Bearings and all type composition and rubber tired wheels are available at slight additional costs.

Use the new Hydrolift Senior and two skids in your plant —at our expense. Write for FREE TRIAL.

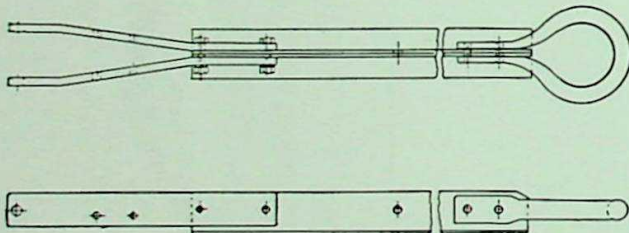
Capacities up to and including 15,000 lbs.

TRAILERS — BRAKES — FLANGED WHEELS



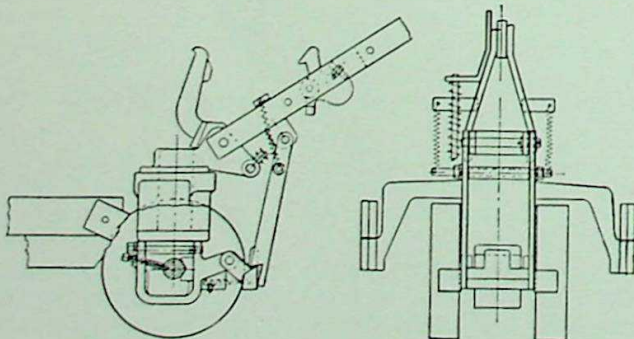
TRAILER ATTACHMENTS

523. A trailer attachment on your Barrett Lift-truck makes every lift-truck skid in your plant a potential trailer. These attachments are highly efficient. They permit turning short corners—trail straight—and will not become disengaged. When not in use the rear attachment, which is the long one, folds up and slides under the truck—out of the way. The front attachment provides a short hook-up attached directly to the kingbolt and as a result affords perfect steering. These attachments can be made to conform to your present trailer equipment.



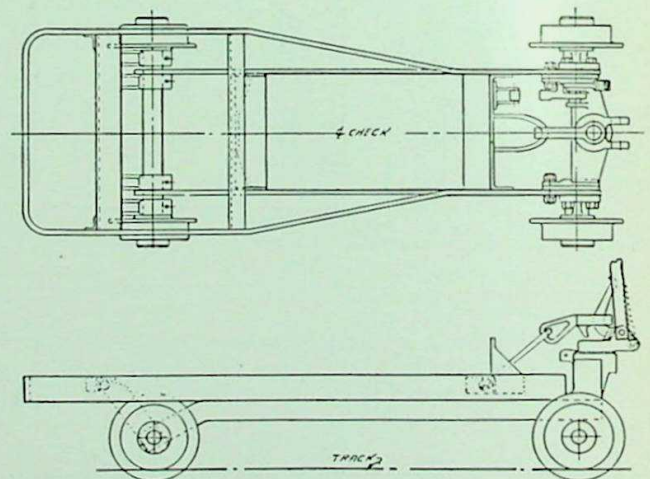
522. THE TRAILER HANDLE

This trailer handle is intended for tractors or trailers. Note the extra heavy "T" iron construction. That large ring permits easy turning and quick engagement. Hook attachment can also be supplied.



521. QUICK, EASY BRAKES

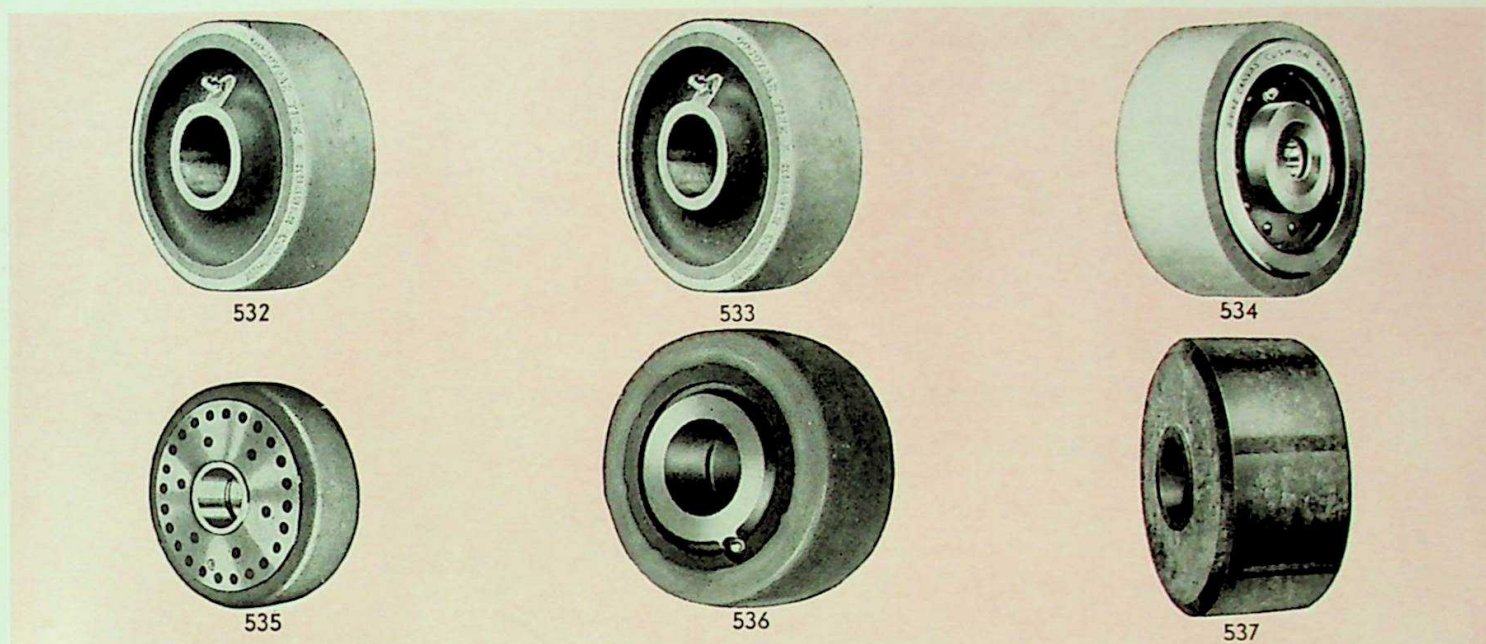
Brakes for Barrett Lift-truck can be attached to any model. They are applied to the front or rear wheels and operate with a slight downward pressure on the pulling handle—cannot slip or foul, and always work.



520. FLANGED WHEELS

Any model of Barrett Lift-truck can be equipped with flanged wheels. A lift-truck of this type is standard construction and retains all operating features of regular trucks, including positive hydraulic check for safe lowering, the guaranteed easier lift, quicker operation, the roller bearing latch catch, and spring holdup. When desiring information on trucks so equipped, be sure to mention the gauge of the track on which the truck is to run—and any other information peculiar to your particular conditions.

FLOOR SAVING WHEELS



We present illustrations and descriptive matter herewith of six types of wheels, commonly known as Floor Saving, or Composition Wheels.

In offering you Barrett Lift-trucks, Portable Elevators, and other handling equipment, equipped with these wheels, it must be distinctly understood that we give you no guarantee with reference to the life of these wheels—in that the manufacturer gives us none. Likewise, it should be realized that when composition or soft tread wheels are used, that it obviously is somewhat harder to pull loads on good floors because of the increased resistance offered by the softer tread wheels.

532. MOLDED TYPE—RUBBER TIRES—ROLLER TREAD

This is a standard rubber tire that is excellent for light loads. The rubber is molded onto a corrugated core so as to obtain the best possible adhesion devised by the leading tire manufacturers today. Available in diameters of 6, 7, 9 and 11 inches—estimated capacity, 3,000 lbs. There is no better rubber tire available.

533. NOVITE TYPE

Novite is a compound developed by the B. F. Goodrich Company. It has the hardness of wood tread wheels—and, is ideal where the cushioning effect of the softer rubber tired wheels is not necessary. It definitely is a floor saver wheel—and, will give longer service than the softer rubber tires. Available in diameters 6, 7, 9 and 11 inches. An ideal floor saving wheel.

534. CANVAS TREAD WHEELS

This is a wheel made up of canvas blocks which form the wearing surface. They are held between two steel

plates. Where protection to the floors is a dominant factor, this wheel is very acceptable. Naturally, it pulls harder than a steel or an iron wheel. Because of its rather complicated construction, it is far more expensive than the rubber tire. A good, soft tread wheel. Available in all diameters and wheel faces. Estimated capacity, approximately 4,000 lbs.

535. WOOD FACED WHEELS

Here is a wood wheel comprised of hickory segments so riveted together as to cause the end grain to form the face of the wheel. This wheel pulls easier than most rubber tire or canvas wheels. This is because of the harder face. Yet, it is a good floor saving wheel. It will, however, pick up small metal particles and, if they are in abundance on a factory floor, the wheels soon assume what is comparable to a metal face. A little more expensive than the rubber tire, but not quite as costly as the canvas wheel. Available in all diameters and faces.

536. BARITE WHEELS

A new composition floor saver wheel. The manufacturer claims it will move as easily as a metal wheel and will carry an equal load. Made of heavy canvas duck, impregnated with a phenolic resin, moulded to form under high heat and tremendous hydraulic pressure. Available in all diameters.

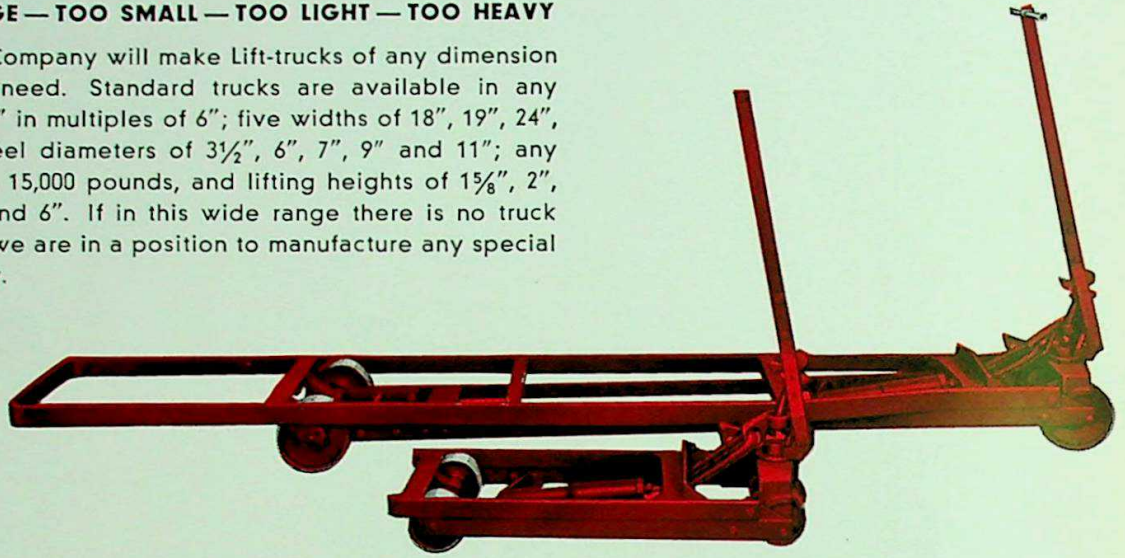
537. FIBRE WHEELS

Good as a floor saver—yet, not acceptable for use under wet floor conditions, in that the face of the wheel has a tendency of spreading. Available in all diameters, wheel faces and desired capacities.

SPECIAL PURPOSE LIFT-TRUCKS

NO LOADS TOO LARGE — TOO SMALL — TOO LIGHT — TOO HEAVY

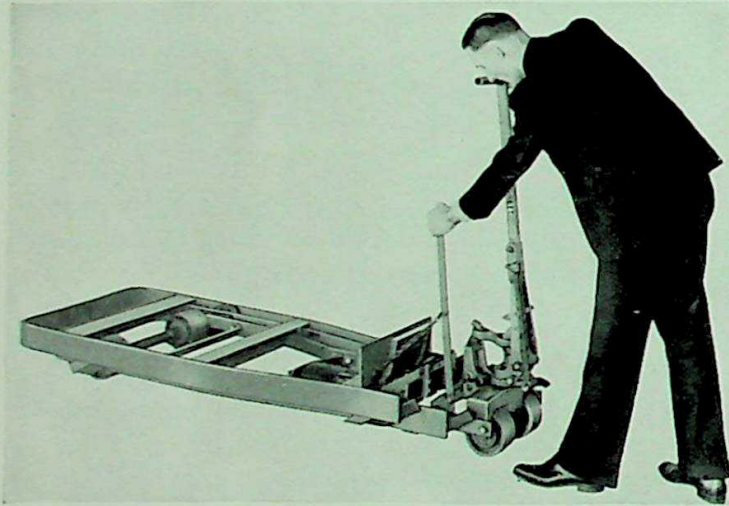
539. Barrett-Cravens Company will make Lift-trucks of any dimension to meet an existing need. Standard trucks are available in any length from 24" to 144" in multiples of 6"; five widths of 18", 19", 24", 25" and 27"; five wheel diameters of 3½", 6", 7", 9" and 11"; any capacity from 1,000 to 15,000 pounds, and lifting heights of 15⅝", 2", 2¼", 2⅝", 3", 4", 5" and 6". If in this wide range there is no truck suited to your needs, we are in a position to manufacture any special construction necessary.



ANY CAPACITY . . ANY LENGTH . . ANY HEIGHT . . ANY LIFT

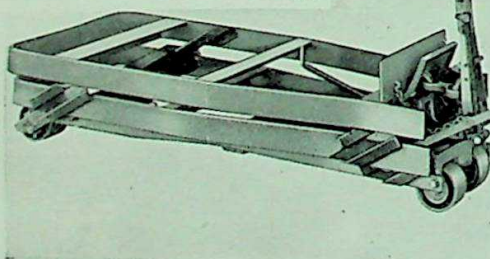
NEW AUXILIARY FRAME

540. An ideal attachment for a Lift-truck that is called upon to handle skids with varying underneath clearances. This auxiliary frame, when installed on a truck six inches high in the lowered position, will handle skids with underneath clearances as high as 11½ inches. On a seven-inch high truck, even skids with 12½-inch clearance can be handled. Simple to operate, fast, sturdy and adapted to all types of skids. Can only be installed on Barrett Lift-trucks and must be done at our factory.

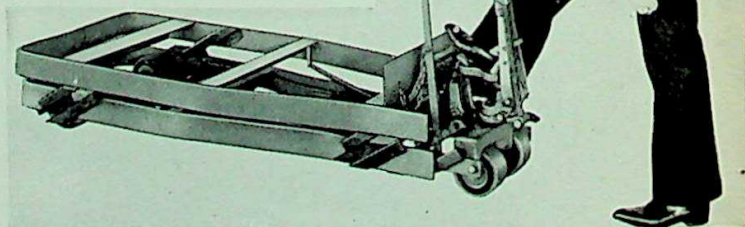
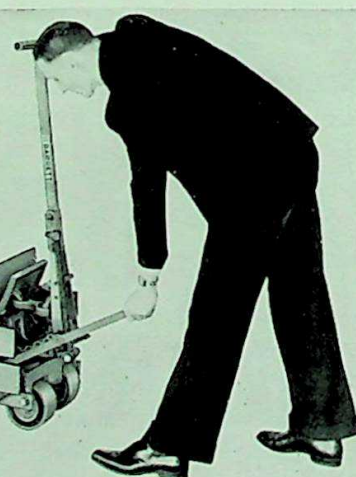


Auxiliary frame is in lower position. Merely run truck under the skid and pull on handle until frame is snug under skid.

This view shows extreme height auxiliary frame can be raised with one stroke of the handle.



To return auxiliary frame to lowest position, merely step on release bar and the frame settles down to exact height of main truck frame.



General Truck Dimensions

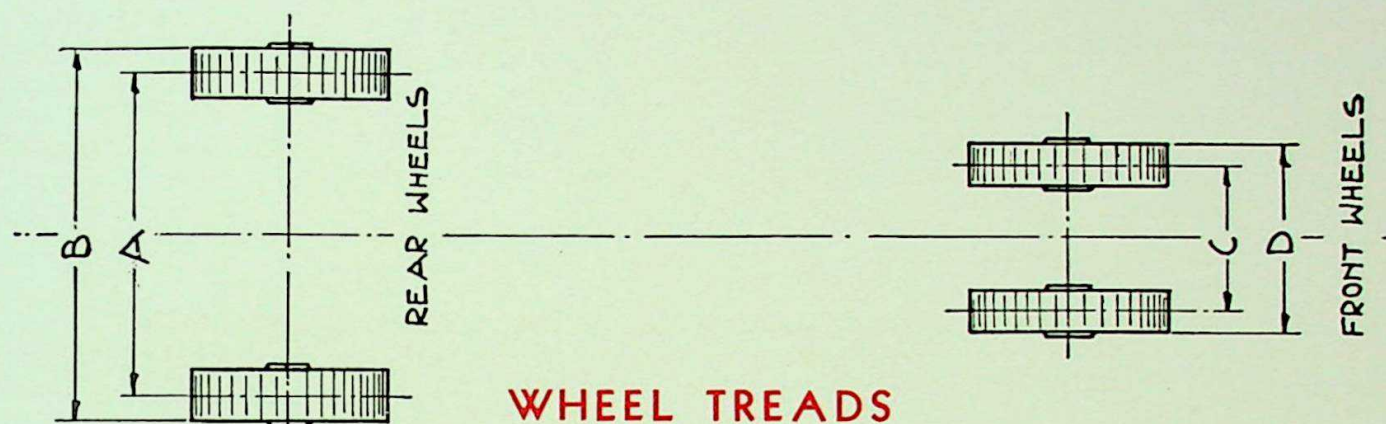


TABLE 1

A	=Rear wheel tread-center to center of wheels
B	=Rear wheel tread-outside to outside of wheels
C	=Front wheel tread-center to center of wheels
D	=Front wheel tread-outside to outside of wheels

TABLE 2

Truck Symbol	A	B	C	D
OT . . .	13 $\frac{11}{16}$ "	15 $\frac{7}{16}$ "	5 $\frac{9}{16}$ "	6 $\frac{15}{16}$ "
OTK . . .	20 $\frac{3}{16}$ "	21 $\frac{15}{16}$ "	5 $\frac{9}{16}$ "	6 $\frac{15}{16}$ "
J & AB . .	12 $\frac{1}{2}$ "	15 $\frac{1}{4}$ "	6 $\frac{15}{16}$ "	8 $\frac{11}{16}$ "
JK & ABK	19"	21 $\frac{3}{4}$ "	6 $\frac{15}{16}$ "	8 $\frac{11}{16}$ "
R . . .	12 $\frac{3}{16}$ "	15 $\frac{3}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
RK . . .	18 $\frac{11}{16}$ "	21 $\frac{11}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
GX . . .	12 $\frac{1}{8}$ "	14 $\frac{7}{8}$ "	6 $\frac{15}{16}$ "	8 $\frac{11}{16}$ "
GXK . . .	18 $\frac{5}{8}$ "	21 $\frac{3}{8}$ "	6 $\frac{15}{16}$ "	8 $\frac{11}{16}$ "
FX . . .	11 $\frac{7}{8}$ "	14 $\frac{7}{8}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
FXK . . .	18 $\frac{3}{8}$ "	21 $\frac{3}{8}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
MR . . .	13 $\frac{7}{16}$ "	16 $\frac{7}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
MRK . . .	19 $\frac{11}{16}$ "	22 $\frac{11}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
NT . . .	12 $\frac{7}{16}$ "	16 $\frac{7}{16}$ "	7 $\frac{15}{16}$ "	10 $\frac{15}{16}$ "
NTK . . .	18 $\frac{11}{16}$ "	22 $\frac{11}{16}$ "	7 $\frac{15}{16}$ "	10 $\frac{15}{16}$ "
HM . . .	13 $\frac{7}{16}$ "	16 $\frac{7}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
HMK . . .	19 $\frac{11}{16}$ "	22 $\frac{11}{16}$ "	6 $\frac{15}{16}$ "	8 $\frac{15}{16}$ "
HY . . .	12 $\frac{7}{16}$ "	16 $\frac{7}{16}$ "	7 $\frac{15}{16}$ "	10 $\frac{15}{16}$ "
HYK . . .	18 $\frac{11}{16}$ "	22 $\frac{11}{16}$ "	7 $\frac{15}{16}$ "	10 $\frac{15}{16}$ "

TABLE 3

Truck Symbol	Front Wheel Face any Diameter	Rear Wheel Face any Diameter
OT, OTK . .	1 $\frac{3}{8}$ "	1 $\frac{3}{4}$ "
J, JK, AB, ABK	1 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "
R, RK . . .	2"	3"
GX, GXK . .	1 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "
FX, FXK . .	2"	3"
MR, MRK . .	2"	3"
NT, NTK . .	3"	4"
HM, HMK . .	2"	3"
HY, HYK . .	3"	4"

Some Lift-truck installations require the installation of tracks or guides so as to properly center the lift-truck and loaded skid under a machine or in an oven. In such instances it is necessary for the user to have data regarding standard wheel treads or gauges of standard Barrett Lift-trucks. This information is tabulated in the table and illustrated above.

Some unusual conditions requiring wheel treads narrower or wider than indicated here, can be provided for in Barrett Lift-trucks. Also, Barrett-Cravens Company can supply their standard Lift-trucks equipped with flanged wheels to fit any existing industrial narrow gauge track system.

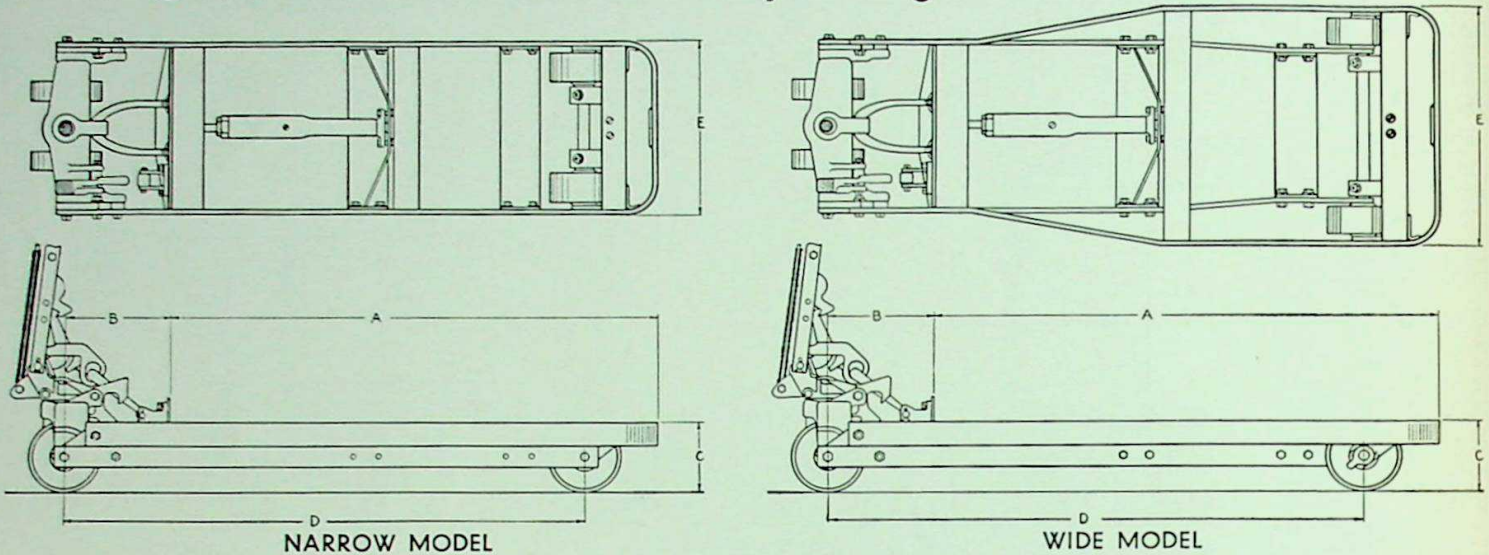
Foundry core-rooms usually require guiding tracks for their lift-trucks to prevent bumping core rack against core oven—and thus causing damage to cores.

Enameling plants have a similar use in their oven rooms. In this instance it is to prevent freshly painted materials from rubbing against the sides of the oven doorway and walls.

There are, of course, many other uses for this type of installation, such as accurately spotting a loaded skid under a hopper, pulling loads up narrow in-

clines, etc. Barrett sales engineers can assist you in coping with any material handling problems of this nature.

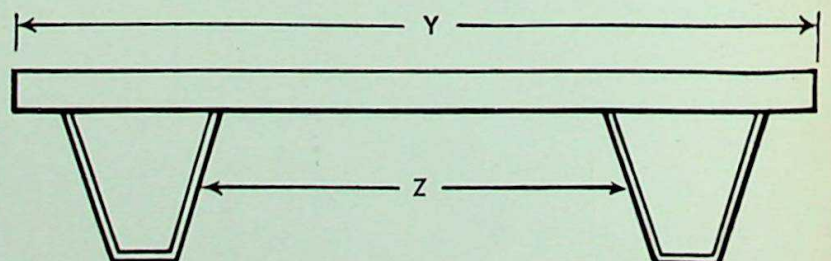
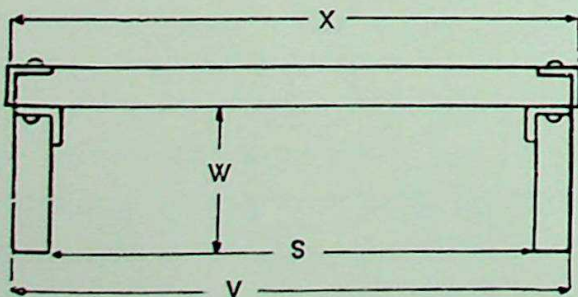
IMPORTANT—When Inquiring—Be Sure to Read

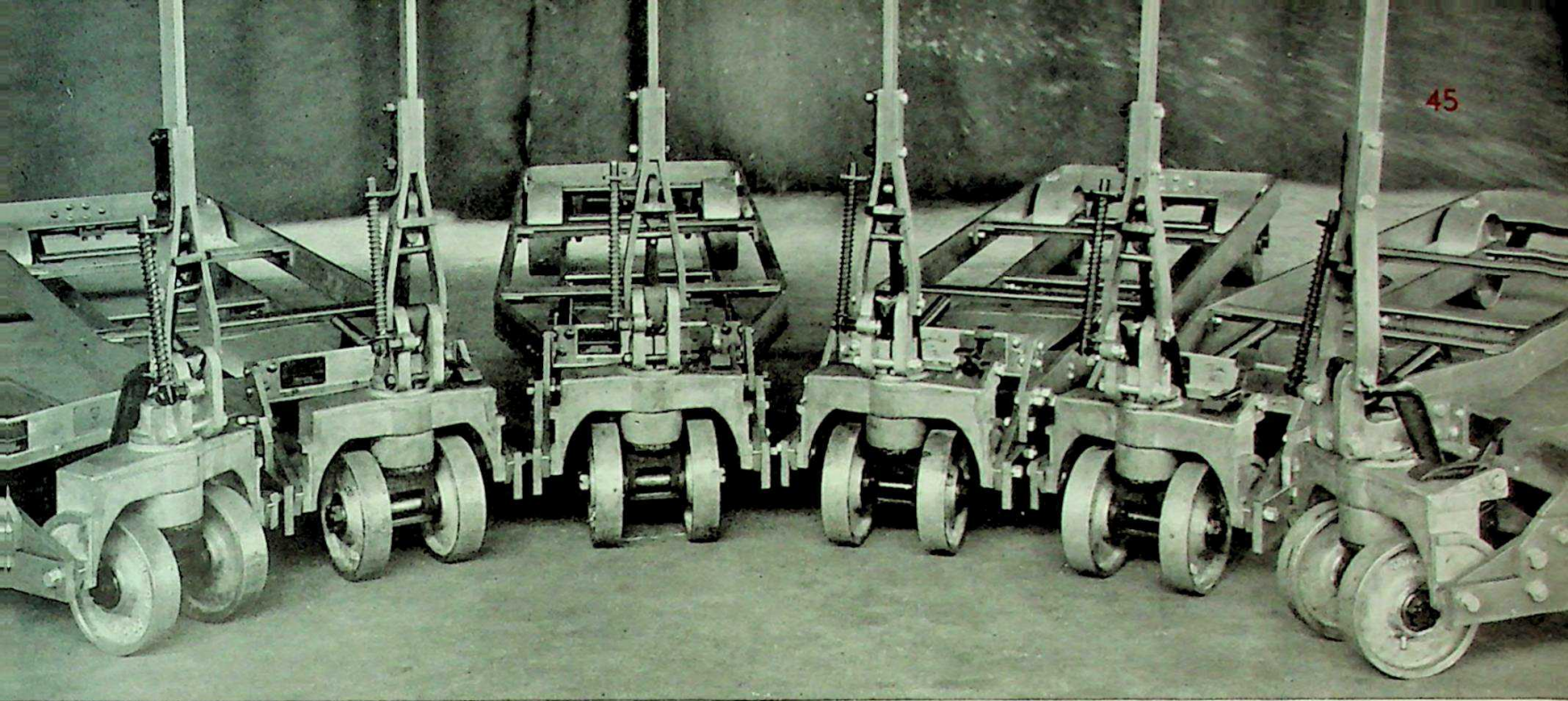


1. Maximum weight of load to be handled.....lbs.
2. Nature of load to be handled: (check ☐) boxes, barrels, sacks, casings, rolls, crates, cases, etc. Length..... inches. Width..... inches. Height..... inches. Weight..... lbs.
3. Number of pieces you desire to handle on each load.....
4. Condition of floors: Wood..... Concrete..... Very good..... Average..... Only fair..... Poor.....
5. Will you truck over inclines.....? On and off elevators or auto truck.....?

NOTE: If you are now using the Lift-truck system, in addition to the above information, fill in the following:

- A. Lift-truck capacity—see name plate.....lbs.
- B. Overall width (E)..... inches. Frame length (A)..... inches. Wheel diameter (C)..... inches. Height of truck in lowered position (C)..... inches. Height—raised position..... inches.
- C. Platform dimensions. Dimension (S)..... inches. Dimension (V)..... inches. Dimension (W)..... inches. Dimension (X)..... inches. Dimension (Y)..... inches. Dimension (Z)..... inches. Top-board thickness..... inches.





SELECTING THE PROPER MODEL

541. The economical benefits of the Lift-truck system depend in no small measure on the intelligent selection of the model truck intended for your work. So as to avoid improper selection, the following few instructions are given for your guidance. It is more preferable to have a Barrett Sales Engineer do this for you, but should distance or urgency make this impractical, the careful application of these instructions will suffice.

1. FLOOR CONDITIONS: It is always advisable to have as large wheels as conditions will permit—because they roll easier. Floor conditions will aid you in this selection. Rough floors demand large wheels. Floors in average condition will permit the operation of the 6" or 7" diameter wheels but 6" wheels are never recommended unless it is necessary that the platforms be as low as possible for reasons peculiar to your conditions.

2. LOAD SIZE: The weight of the loads you handle will determine the capacity of the truck required. Actually weigh your loads—do not guess.

3. LIFT: Smooth floor—and where no trucking is done on and off elevators, or in and out of freight cars, will permit the use of the low ($1\frac{5}{8}$ ") standard lift. If however, you truck up and down inclines, on and off of elevators and in and out of freight cars, the higher ($2\frac{1}{4}$ ", $2\frac{5}{8}$ ", 3" or 4") lift should be specified.

See chart page 44, which will permit you to send us the

desired information necessary to check your selection—or if you prefer—to specify the proper model for you.

NOTE: In accordance with the unanimous action of a general conference of representative manufacturers, warehousemen, shippers and other common carriers with the division of simplified practice of the U. S. Department of Commerce, recommended and adopted under Industry's Simplified Practice Recommendation No. 95-30 the following clearance dimensions for skid platforms.

1. Clearance height from floor level to the underside of the Skid Platforms..... $\left\{ \begin{array}{l} 8 \text{ inches} \\ 12 \text{ inches} \end{array} \right.$
2. Minimum horizontal clearance distance between inside of runners, legs or other supports..... 29 inches

Barrett Hand Lift-trucks and SKID PLATFORMS are built to conform to these adopted standards. All Barrett Trucks with 7" or 11" height frames and 17" to 25" in width are recommended for use with these standard SKID PLATFORMS.

PALLET LIFT-TRUCKS

2500 LBS.
CAPACITY

FORK TYPE 4TP



Forked Type
15" wide
1 $\frac{5}{8}$ " or 2 $\frac{1}{4}$ " lift
Single rear wheels
3 $\frac{1}{2}$ " high lowered.

608

APPLICATION—Designed especially to handle the low pallets or skids having a minimum underneath clearance of 4" and loads not exceeding 2500 lbs., in weight.

OPERATION—Quick—automatic. Lifts with one stroke of the handle. Just run the truck under the pallet and lift. Depress the release pedal and the load is gently lowered by hydraulic check. Angle lift—compound lift. High or low lift.

CONSTRUCTION—Forked type—handles pallets with 2 or 3 stringers. 7" diameter front wheels—widely spaced Hyatt equipped. 3 $\frac{1}{2}$ " diameter rear wheels—ball bearing equipped. 15" wide. Fork width 5". Distance between forks 5". Height lowered 3 $\frac{1}{2}$ ". Lifts, 1 $\frac{5}{8}$ " or 2 $\frac{1}{4}$ ". Spring handle holdup. Low turntable. Large kingbolt.

SPECIFICATIONS

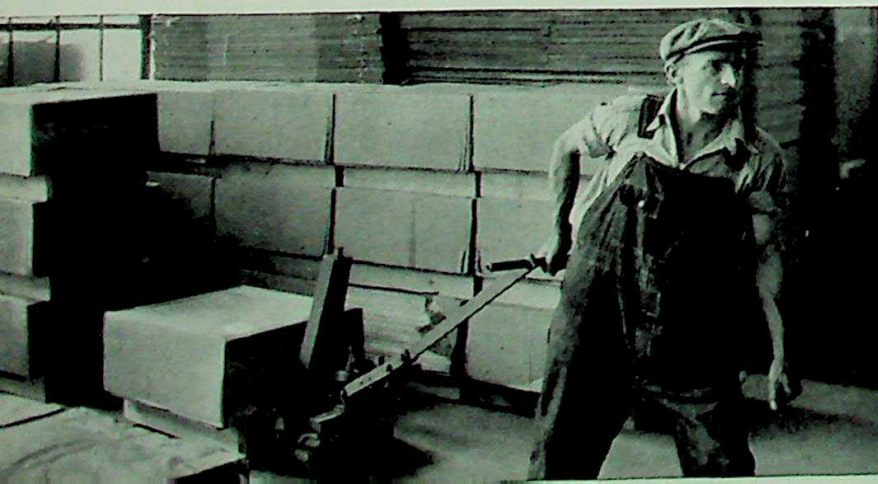
Model	Type	Length Carrying Frame	Lift	Maximum Pallet Handled	Weight
MJ -7-3 $\frac{1}{2}$ -24	Closed	24"	1 $\frac{5}{8}$ "	36"x28"	240lbs.
MJ -7-3 $\frac{1}{2}$ -30	Closed	30"	1 $\frac{5}{8}$ "	36"x34"	248lbs.
MJZ -7-3 $\frac{1}{2}$ -24	Closed	24"	2 $\frac{1}{4}$ "	36"x28"	240lbs.
MJZ -7-3 $\frac{1}{2}$ -30	Closed	30"	2 $\frac{1}{4}$ "	36"x34"	248lbs.
4-TP -7-3 $\frac{1}{2}$ -24	Forked	24"	1 $\frac{5}{8}$ "	36"x28"	250lbs.
4-TP -7-3 $\frac{1}{2}$ -30	Forked	30"	1 $\frac{5}{8}$ "	36"x34"	260lbs.
4-TPZ-7-3 $\frac{1}{2}$ -24	Forked	24"	2 $\frac{1}{4}$ "	36"x28"	250lbs.
4-TPZ-7-3 $\frac{1}{2}$ -30	Forked	30"	2 $\frac{1}{4}$ "	36"x34"	260lbs.

CLOSED END TYPE MJ

Intended for pallets or skids having only two stringers. Same specifications as open end type. A good husky truck that will handle plenty of pallets safely, quickly and at low cost. See drawing below.

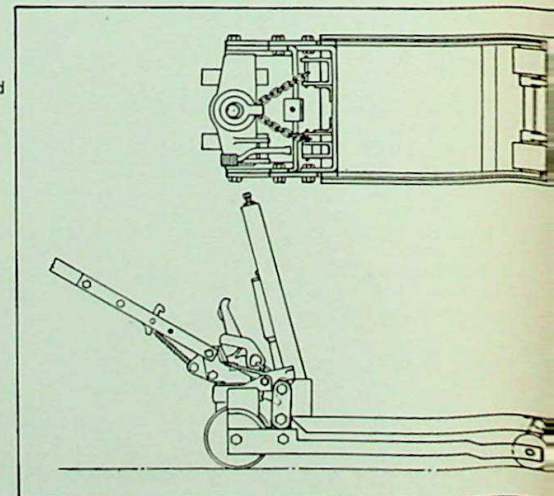


FREE
TRIAL



542. One man handling 2200 lb. loads of tin-plate in a large paint plant.

543.
Closed
End
Type
MJ



2500 AND 3500 LBS.
CAPACITY

PALLET LIFT-TRUCKS

**SINGLE
STROKE
TYPE**

FORKED TYPE

TYPE 6TP AND 6YP—TANDEM WHEELS

APPLICATION—For loads averaging 2500 pounds or more—and where floor conditions are not the best. The 6TP (2500 lbs. cap.) and the 6YP (3500 lbs. cap.) have tandem wheels in the rear that actuate on a double jointed swivel so as to compensate for uneven floor conditions. **FREE TRIAL.**

OPERATION—Quick—Automatic. Lifts with one stroke of the handle. Just run the truck under the pallet and lift. Depress the release pedal and the load settles to the floor gently. Angle lift. Compound lift. High or low lift.

CONSTRUCTION—Fork type. Will handle pallets with 2 or 3 stringers. Two 7" diameter front wheels widely spaced and Hyatt equipped. Four 3½" diameter rear wheels, ball bearing equipped. 15" wide. Forks 5" wide. 5" distance between forks. Height when lowered 3½". Lifts 1⅝" or 2¼". Spring handle holdup. Low turntable. Large kingbolt. Flat lower frame. Short turning radius.

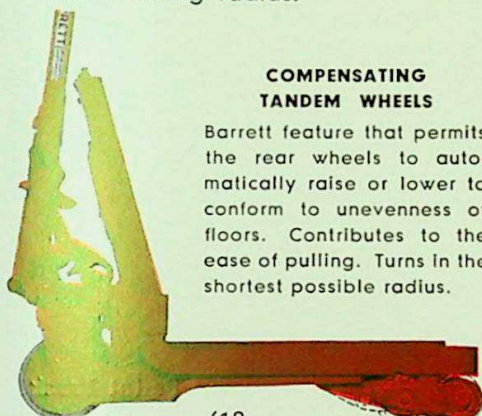


15" Wide
2¼" Lift
Dual Wheels
3½" High

592

COMPENSATING TANDEM WHEELS

Barrett feature that permits the rear wheels to automatically raise or lower to conform to unevenness of floors. Contributes to the ease of pulling. Turns in the shortest possible radius.



610

SPECIFICATIONS

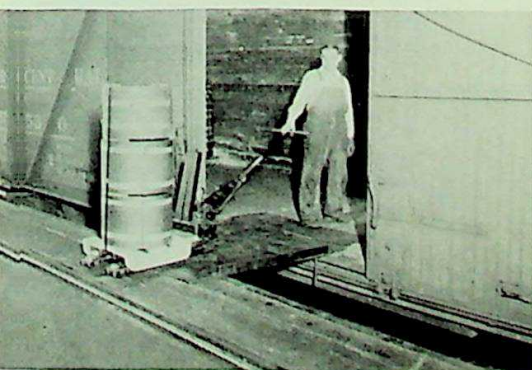
Model	Capacity	Length Carrying Frame	Lift	Maximum Platform Handled	Weight
6-TP -7-3½-24	2500 lbs.	24"	1⅝"	36"x28"	265 lbs.
6-TP -7-3½-30	2500 lbs.	30"	1⅝"	36"x34"	275 lbs.
6-TPZ-7-3½-24	2500 lbs.	24"	2¼"	36"x28"	265 lbs.
6-TPZ-7-3½-30	2500 lbs.	30"	2¼"	36"x34"	275 lbs.
6-YP -7-3½-24	3500 lbs.	24"	1⅝"	36"x28"	280 lbs.
6-YP -7-3½-30	3500 lbs.	30"	1⅝"	36"x34"	295 lbs.
6-YPZ-7-3½-24	3500 lbs.	24"	2¼"	36"x28"	280 lbs.
6-YPZ-7-3½-30	3500 lbs.	30"	2¼"	36"x34"	295 lbs.

PALLET LIFT TRUCKS can be used for any type of concentrated products that are usually shipped in carload lots. So far, only the tin plate and strip steel manufacturers have taken full advantage of the savings possible through shipping on the inexpensive all-wood pallets. These pallets have stringers or runners made of undressed 2x4's. Two or three pieces of ⅞" crating lumber hold the stringers together. Pallets seldom cost more than 30c and provide an easy means of steel strapping the load to the pallet. This method of shipping is less costly than crating or boxing and saves many dollars in loading and unloading freight cars and trucks.

547. Strip steel on wood pallets bulk bound in a freight car. One man can unload this car in 30 minutes with a Barrett Pallet Truck.



544. The high frame clearance on a Barrett Pallet Truck insures easy freight car loading.



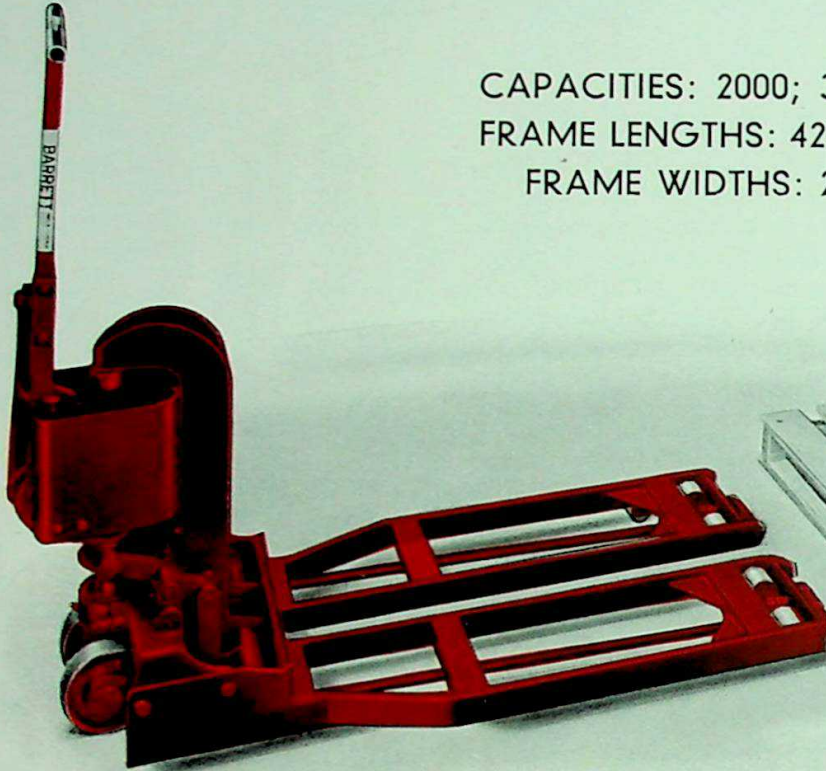
545. One man placing pallet loads of strip steel in a boxcar with a Barrett Pallet Truck.



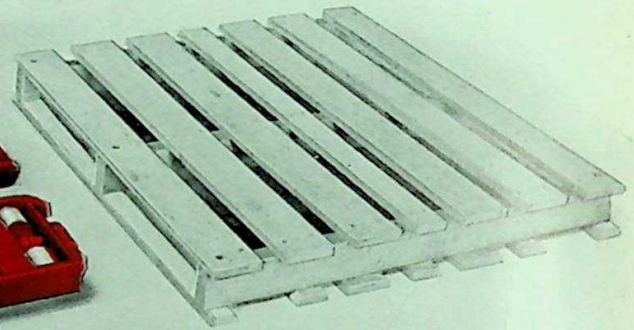
546. Here is a truck load of Pallets—loaded in 15 minutes and unloaded in the same short space of time.



BARRETT HYDRAULIC PALLET LIFT TRUCK



CAPACITIES: 2000; 3000; 4000 LBS.
FRAME LENGTHS: 42"; 48"; 54"; 60"
FRAME WIDTHS: 25"; 27"; 30"



607

The Barrett Hydraulic Pallet Truck has been designed for the economical handling of Double Faced Pallets. It is particularly suited as an auxiliary piece of equipment for power operated trucks—to take care of the short hauls—load spotting—and general placing of pallets.

Through the use of the Barrett Pallet Truck lost-time gaps are satisfactorily filled and the movement of goods continues. Some users say that a Barrett Pallet Truck and one power operated truck can do the work of two power operated units—in less time and space.

The design of the truck is such that three capacities, four lengths of carrying forks and three widths are available. A combination of these specifications permits the handling of practically every popular double and single faced pallet.

In the handling of the Double Faced Pallet—it is essential that the design as indicated on the next page be followed carefully—particularly with reference to omitting two of the floor boards. The omission of these boards

provides the necessary floor space for the Pallet Truck wheels—and permits entry to pallet from either end. This does not necessarily weaken the strength of the pallet but does provide certain economies in construction in that the lesser amount of material likewise means less assembly labor.

The advantages of the Barrett Pallet Truck are carefully tabulated on the next page—together with additional illustrations which point out some operating and constructions features.

FREE TRIAL

Barrett Pallet Trucks are available for 15 days FREE TRIAL—without in any way obligating you to buy. This is so you may try them out in your own plant, under your own condition and with yourself as the sole judge.

Merely tell us the length, width and capacity of the Pallets you now use—or contemplate using. From this we can determine the proper size Pallet Truck to send along for this FREE TRIAL.

LIGHT DUTY DIAL SCALE TRUCK . . .

2500 lb. Capacity

Single Stroke Type Lift-Truck

Truck 26" wide x 66" long

Scale Platform 21" wide x 29" long

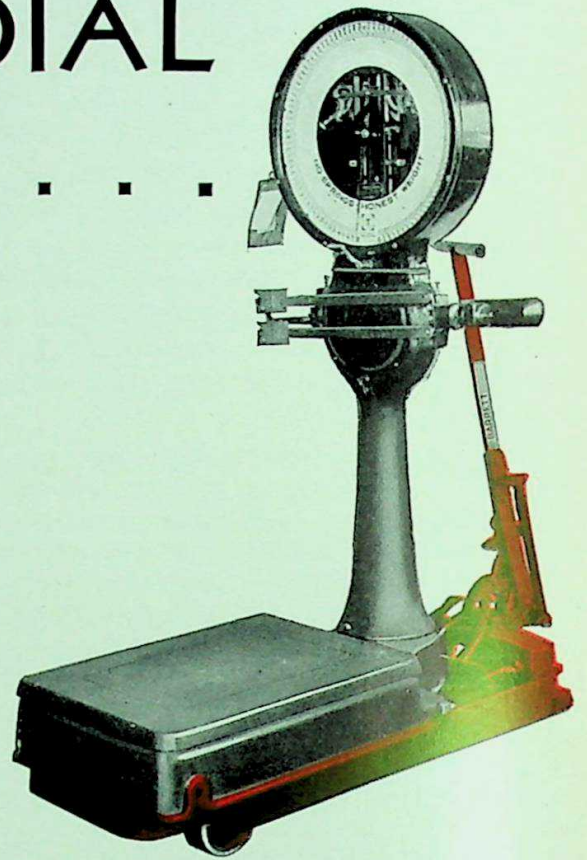
A Standard Barrett Lift-truck all equipped to accommodate a standard dial scale. Only a few minutes is required to assemble the two units together, and thus have a combination lift-truck and portable scale. As a result, standard lift-truck skids may now be weighed and thus a weight or count quickly determined.

The operation of the truck and scale is simple. No experienced or trained trucker is required. The construction throughout is sturdy, the design unique, yet simple.

Specifications of the combined unit are as shown in the drawing Number 561. This one size permits handling lift-truck skids or platforms 36" wide and 30" to 36" long.

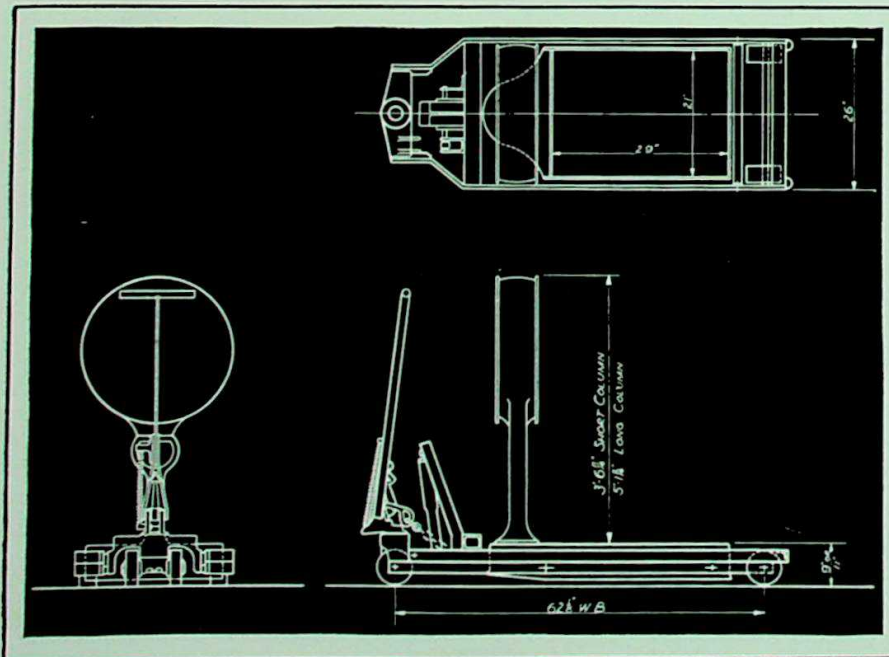
The underneath clearance of skids or platforms can be 9½", 11½" or 12". The scale platform is 21" wide and 29" long.

The features incorporated in the construction of the truck, both from the standpoint of design and operation, are the same as in our standard single stroke RED JUNIOR truck. The features incorporated in the scale include:



No. 560

This compact combination Scale and Lift-Truck will pay for itself many times over by eliminating slow, tedious tasks that involve counting or measuring.



No. 561

- 1 Dial on front or back—or both.
- 2 Knife blade dial indicator—insures correct reading.
- 3 20" diameter dial.
- 4 Self-adjusting dash pot—not affected by changes in temperature.
- 5 Conveniently located, hand operated, locking device, which protects scale when not in use—or when heavy loads are placed.
- 6 Full floating platform.
- 7 Self-aligning bearings.
- 8 Scale can be had with or without weigh beams.
- 9 Only a few minutes is required to assemble the scale to the Barrett Lift-truck.

BARRETT SCALE TRUCKS

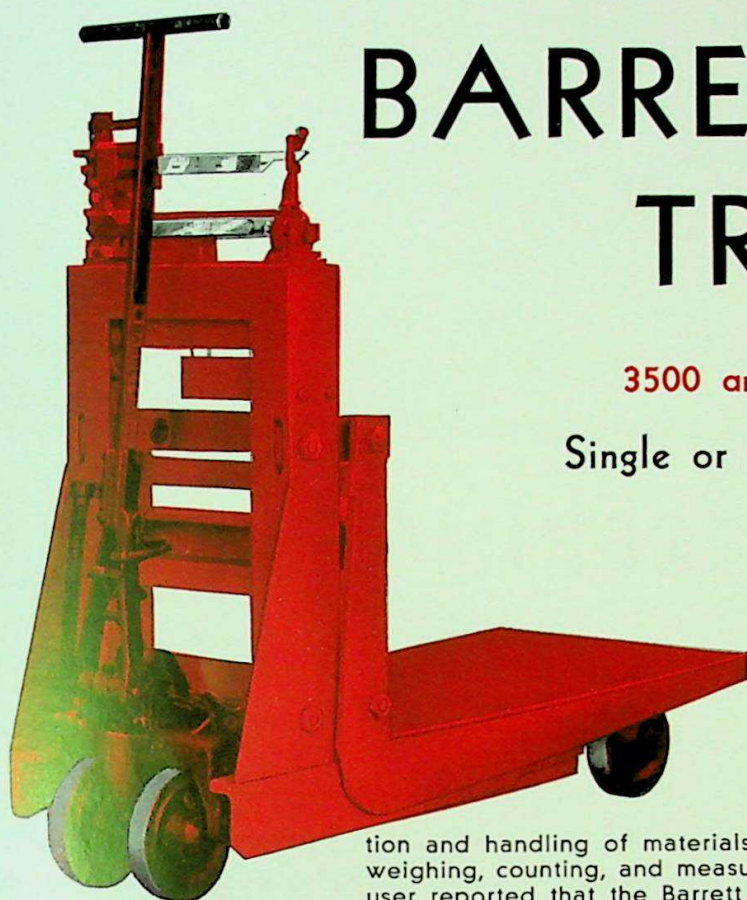
3500 and 5000 Lbs. Capacity

Single or Multiple Stroke Types

Widths, 19" and 25"—Lengths 36",
42", 48" and 54"

Heights lowered 7", 9" and 11"

Lifting Heights from $1\frac{5}{8}$ " to 6"



No. 562

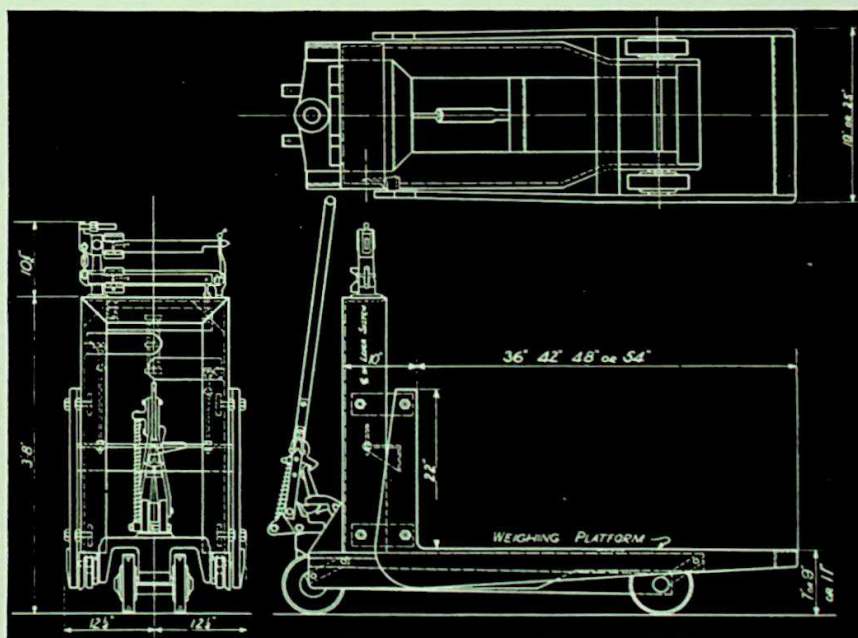
tion and handling of materials. The addition of the scale to the truck permits weighing, counting, and measuring to be done—all by the weight method. One user reported that the Barrett Scale Truck more than paid for itself during one inventory taking.

The design permits the installation of the scale truck for use with any type or make of skids having a minimum underneath clearance of $7\frac{1}{2}$ ".

A standard Barrett Lift-truck with either the single or multiple stroke mechanism is used. Operation of the truck in use with platforms or skids is the same as with any Barrett Lift-truck—it does not require a trained or skilled operator to obtain efficient results.

Features of the beam scale—which is produced by a nationally known scale manufacturer for us include:

- 1 Scale levers mounted in a vertical steel frame away from the dust and dirt.
- 2 Liberal working clearances for the scale levers.
- 3 Scale levers are always in full view.
- 4 Weigh beams located at comfortable "eye-height."
- 5 Full capacity weigh beams (no loose counterpoise weight to misplace or lose).
- 6 Open face poises—with center reading and shadowless.
- 7 Weight beams chrome plated.
- 8 Black figures and graduations—easily read even in dim light.
- 9 Scale platform check bars fitted with large double shielded ball bearings.
- 10 Platform check bars frictionless and shock load absorbing.

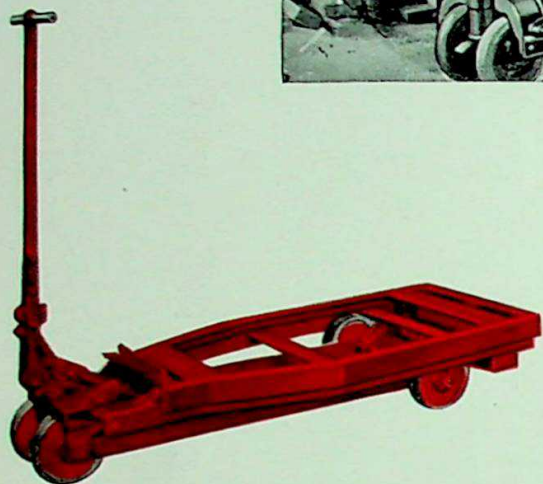


No. 563

The sketch above, in addition to indicating a few necessary dimensions, gives a general idea as to the design and general appearance of the unit. The Barrett Scale Lift-truck has been carefully designed, sturdily built and made very compact. It is just the truck you have been looking for.



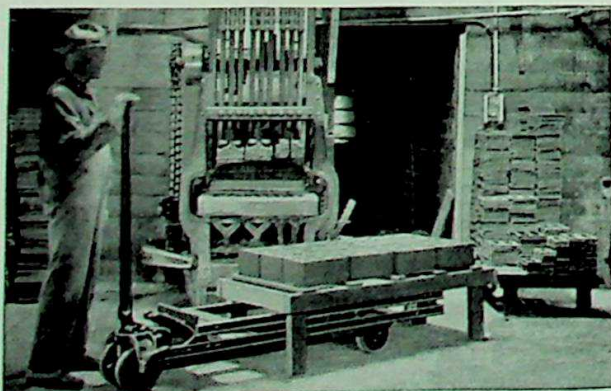
474. Secure on the "cushions" of a Barrett Spring Frame Truck these standard 8x8x16 blocks of "green" cement go from moulding machine to curing room without breakage.



475. Here is the spring frame equipped Barrett. The frame is mounted on eight coil springs—offering complete resiliency.



476. Rolling the truck under a load just before lifting. This concrete products manufacturer prefers the Barrett.



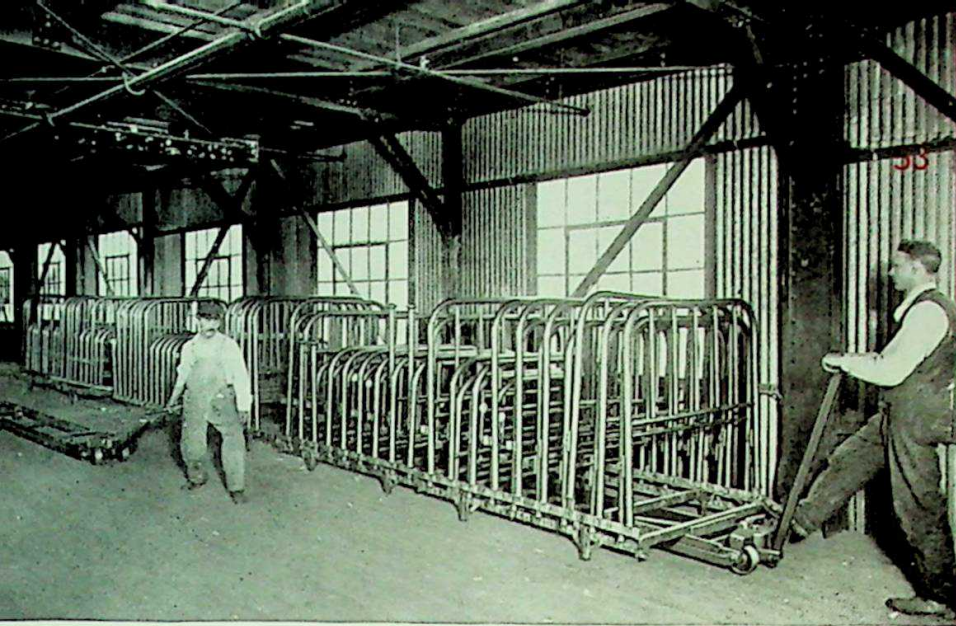
478. The first tier of blocks is in place so the worker is ready to put on the second frame and load another tier.

SPRING FRAME TRUCKS

The spring frame lift-truck was pioneered by Barrett to safely handle fragile products. Manufacturers of explosives, concrete products plants, foundry core rooms, potteries, or any place where delicate products must be handled will find this remarkable truck the one means of transporting their products with little or no damage.

It is constructed with the same sturdy design used on all Barretts. In fact any Barrett can become a spring frame lift-truck. The frame is mounted on EIGHT HEAVY COIL SPRINGS—full floating—and not connected in any way to the main frame except by those springs. Hence jolts and jars cannot be transferred through the frame to the load. To add further security the truck can be equipped with RUBBER TIRES—resulting in complete buoyancy.

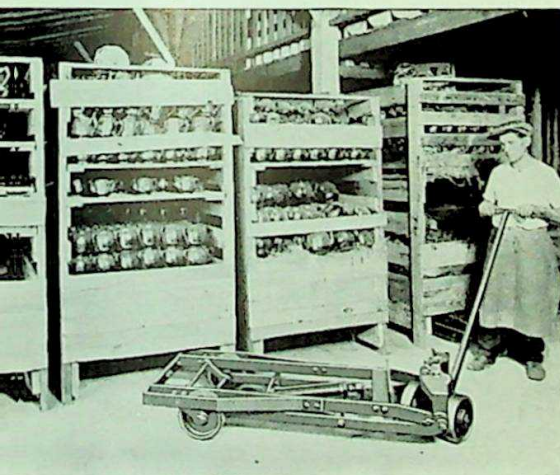
The new safety these trucks give to the manufacturer of delicate products has made them standard equipment in over 2,000 plants. Interested executives will find the experience these plants have had with spring frame trucks well worth their consideration. A Barrett engineer will be glad to tell you about it.



446. The Simmons Company at Kenosha uses these 144-inch Barrett Lift-trucks to handle bed ends. Here they are in the finishing department.



464. Over five thousand candy bars are rolled into the shipping room of an up-to-the-minute candy factory. And again, it is a one man job.



Pottery is classified as a delicate product. The man and a Barrett Lift-truck moves these about the plant without breakage.

449. RIGHT—A large Detroit axle company skids a load of axles out of stock by Lift-truck into motor truck. No unnecessary handling and re-handling here.

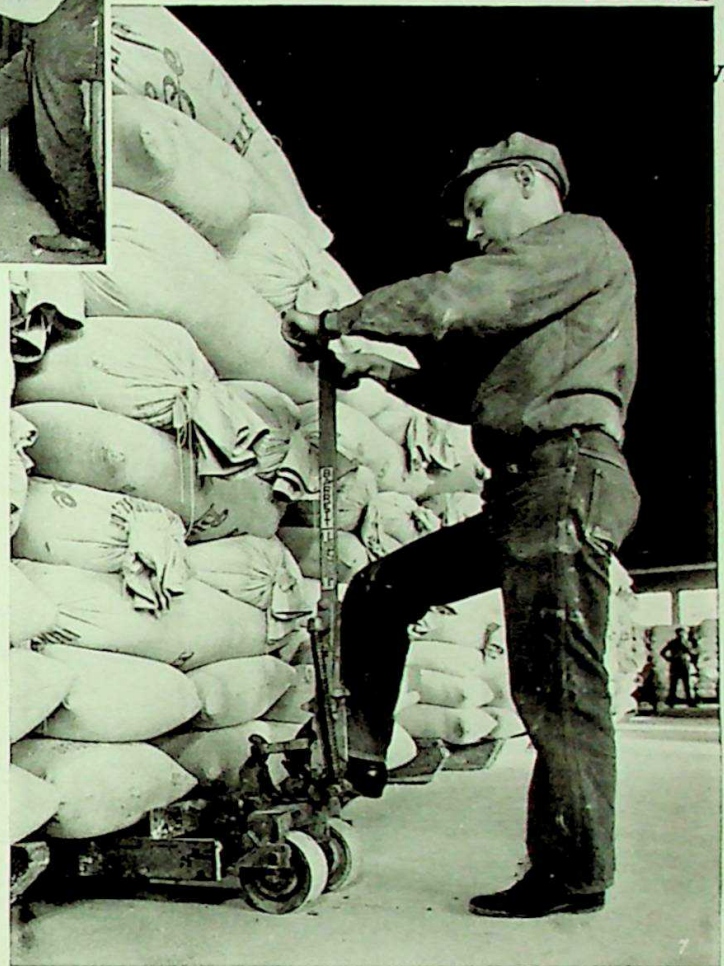
BARRETT

Uses

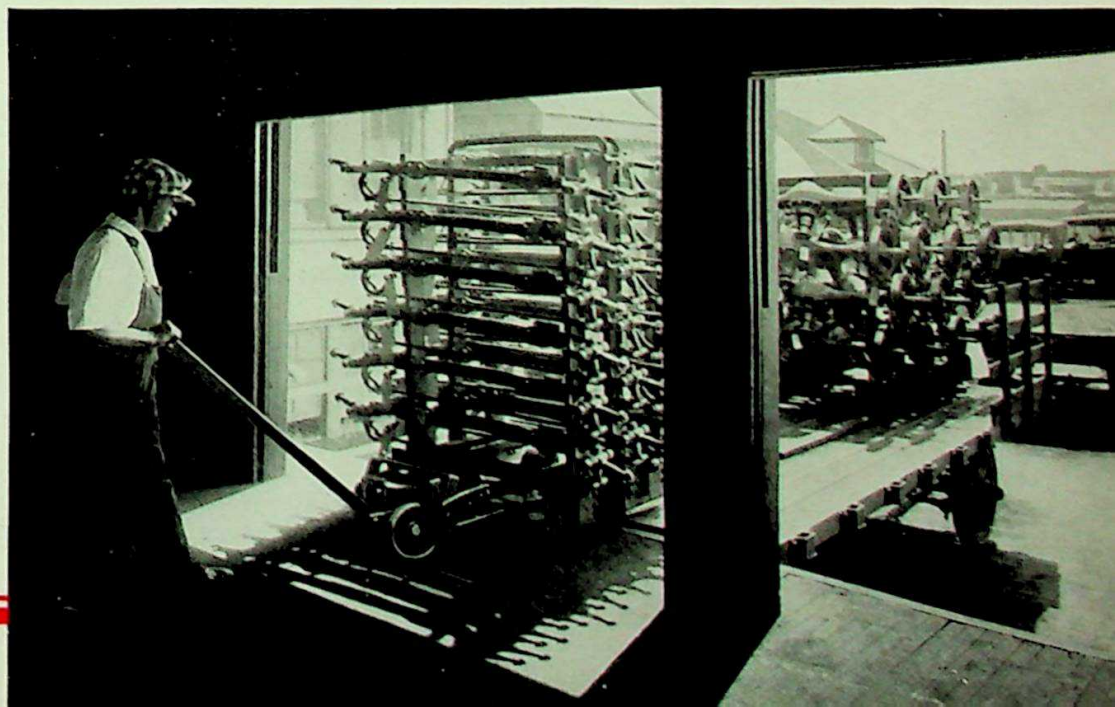
PATENT OFFICE

JUN 24 1948

VISION



548. Five thousand pounds of flour, in the world's second largest bakery, are lifted on the wheels of a Barrett Big Boy. A one man job.





470. Barrett was the original designer of Cable Reel Trucks. The type shown here is the latest achievement. With its cumbersome reels are easily handled by one man.

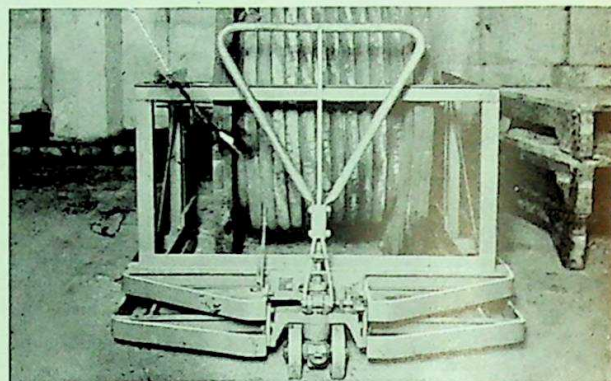
CABLE REEL TRUCKS

ONE MAN can now handle heavy reels with ease and dispatch, with the Barrett Cable Reel Truck. The same man can unreel whatever length of cable is desired, cut it, and return the reel to its original position in storage. And he can do this WITHOUT THE SLIGHTEST DANGER of the reel rolling over him—because the lift-truck holds it securely in place.

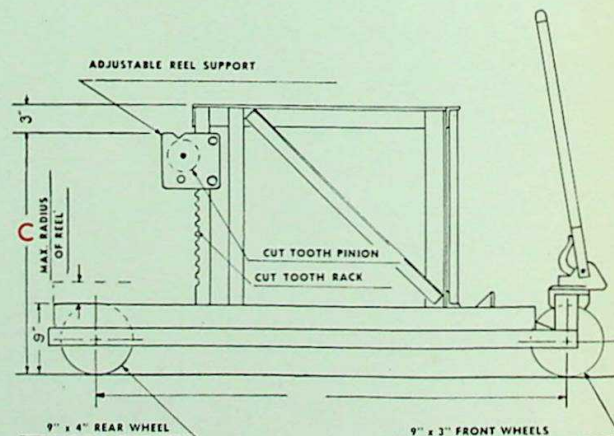
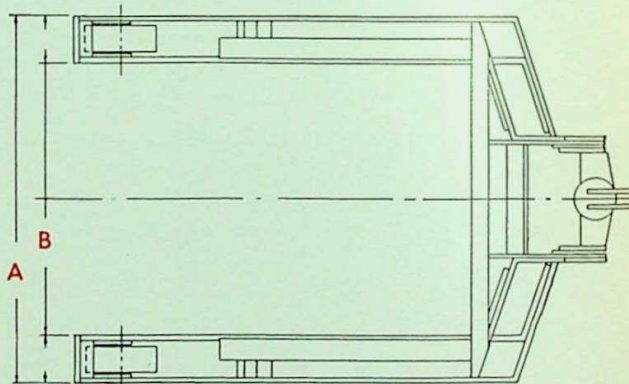
The Cable Reel Truck was designed originally for The Western Electric Company, but its effective work was so quickly proven that it is now in use by the majority of Public Utility Companies, including:

San Antonio Power & Light Company
 Minneapolis Power & Light Company
 Kansas City Power & Light Company
 New Orleans Public Service Co.
 Consolidated Gas, Light, Power & Coke Co.

Barrett experience in handling cable reels is at your service. In writing for this information mention the maximum and minimum diameter—width—and weight of reels to be handled.



471. Front view of the one-man Barrett Cable Reel Truck, so popular wherever reels are handled.



A, B, & C—Built to fit any size reel.

REEL and ROLL TRUCK

The Barrett Reel and Roll Truck provides an inexpensive and practical means for handling large rolls and reels with speed and safety.

This truck has been designed to place the load on the wheels and axle of the truck instead of in the arms of the trucker.

Large wheels of 9 inch diameter and heavy duty casters 4 inches in diameter—all equipped with anti-friction bearings—assure ease of movement.

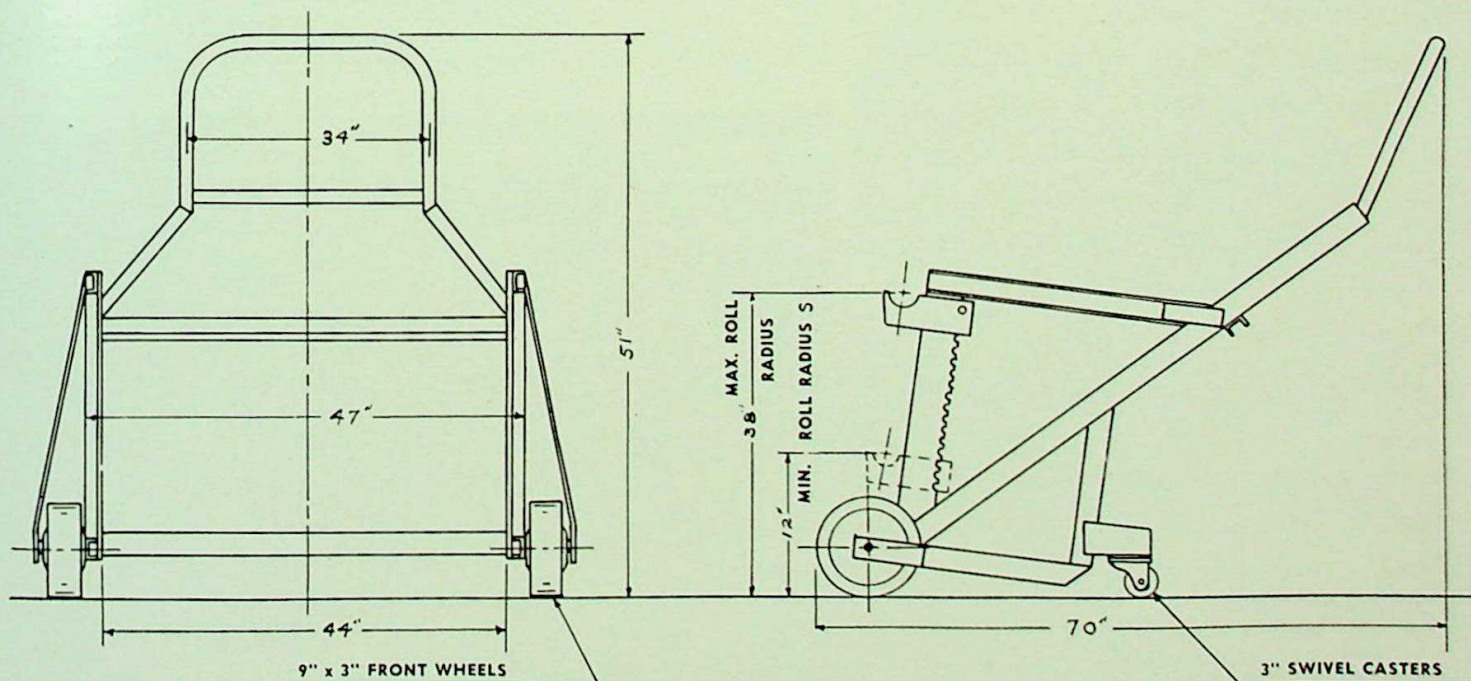
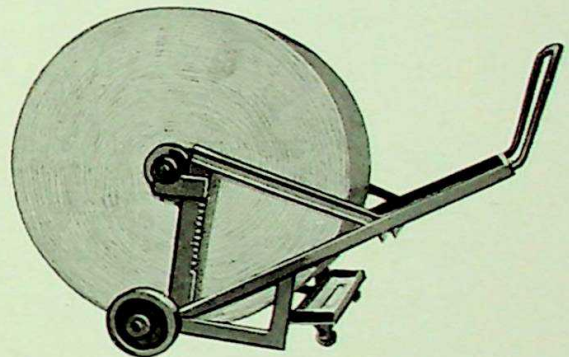
The Reel and Roll Truck handles a wide range of reel and roll diameters—from 24 to 60 inches. Capacities range from 2000 to 3500 pounds.

Electric welded throughout—husky and rigid in construction. The Barrett Reel and Roll Truck is ideal for handling reels and rolls from one job to another. In the process of handling, any desired length of cable, wire, etc. can be uncoiled anywhere, anytime.



RRT-2. Roll and Reel Truck. Note large wheels, swivel casters and sturdy construction.

RRT-1. Side view of Reel and Roll Truck engaging large diameter roll.



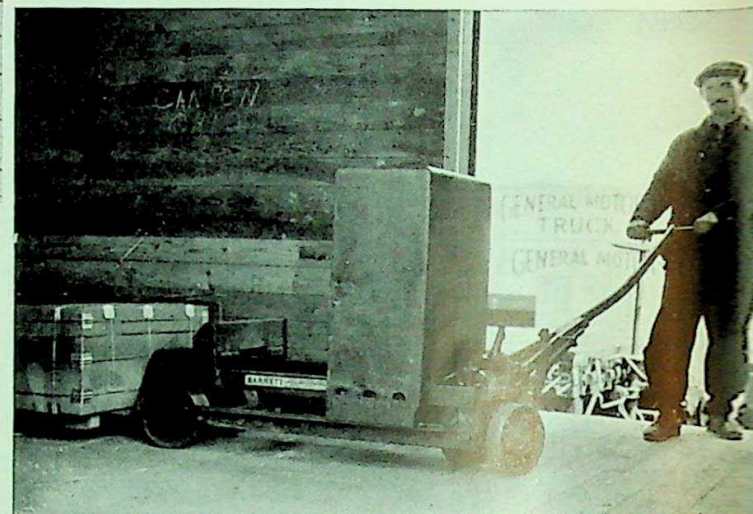
56

Hupmobile

Fork Trucks

549

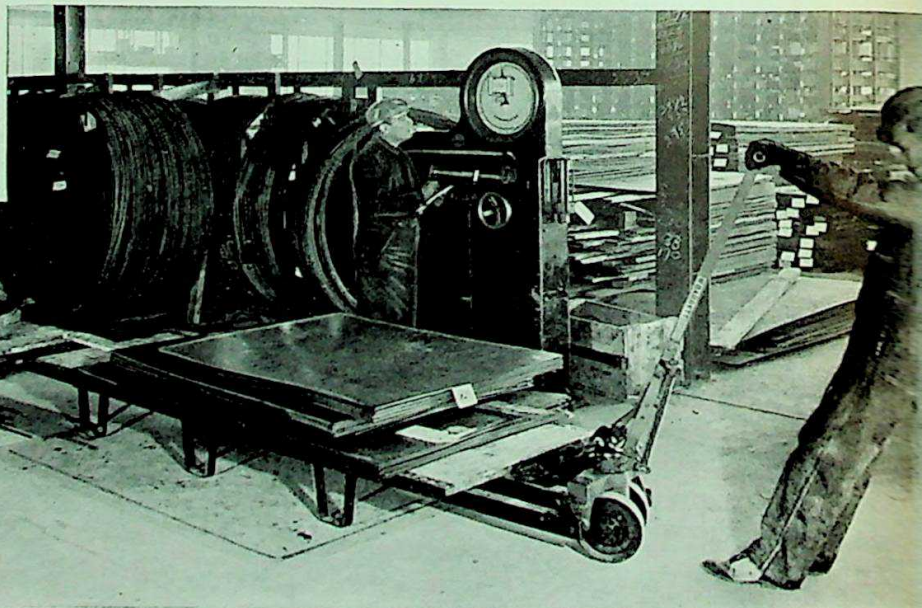
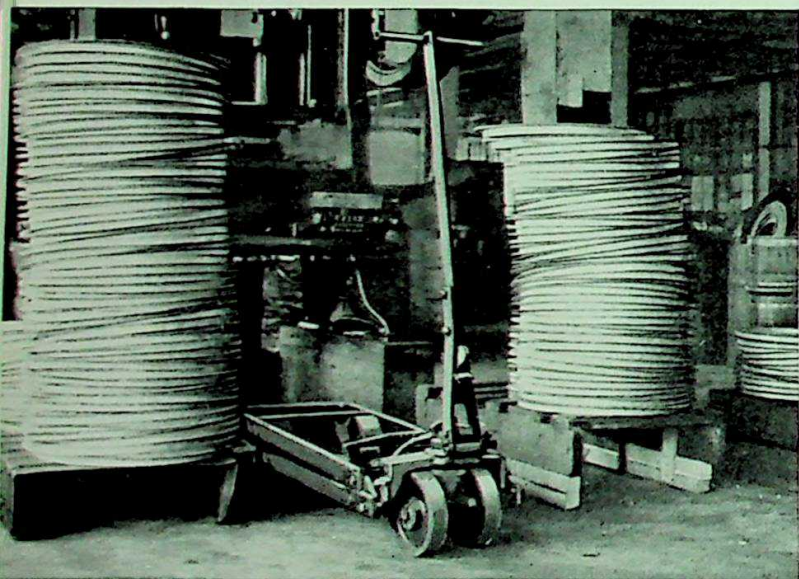
For the handling of sheet metal, steel, tinplate, rods, wire, castings, or any other material of the "heavy" industries — when standard equipment won't serve—Barrett Engineers design equipment that will do the work. The big counter weight on the Pallett Lift-truck (illustrated) was designed to meet the requirements of a particular company. For other Barrett Pallet handling equipment see pages 46, 47 48, 49 and 121.



550

In the same plant, a standard stock model moves heavy rings from one department to another.

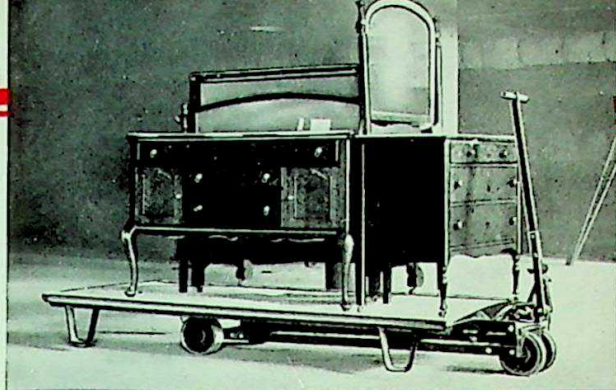
Two thousand pounds of sheet steel are "weighed in" after being placed on the scale with an extra long Lift-truck. In each job, regardless of the weight or the material to be handled, Barrett Lift-trucks and one man do the work alone.



552

Steel Plate Truck

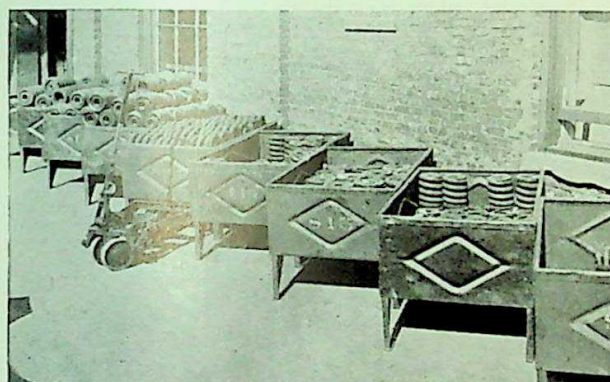
551



467. This extra long, rubber tired, Barrett Lift-truck is one of fifty in use at The American Furniture Mart in Chicago. They handle furniture to and from exhibit rooms—without a scratch.



459. A Tailor finds Barrett Lift-trucks and Steelegg Platforms a big help in handling and storing bolts of cloth.

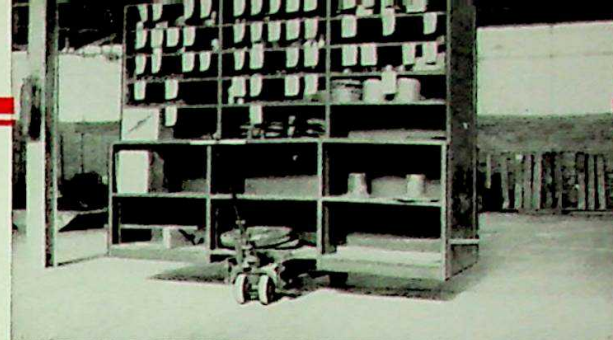


512. Saving space at a railroad shipping dock by staggered storage of skids loaded with parts. Barrett Lift-trucks are the key to this method of handling.



482. This load of newly finished doors is rolled out on the shipping platform at the Memphis Sash and Door Plant with a Barrett Lift-truck.

FURNITURE
CLOTH
SPRINGS
TRANSFORMERS
DOORS
HIDES
BINS
BOTTLES



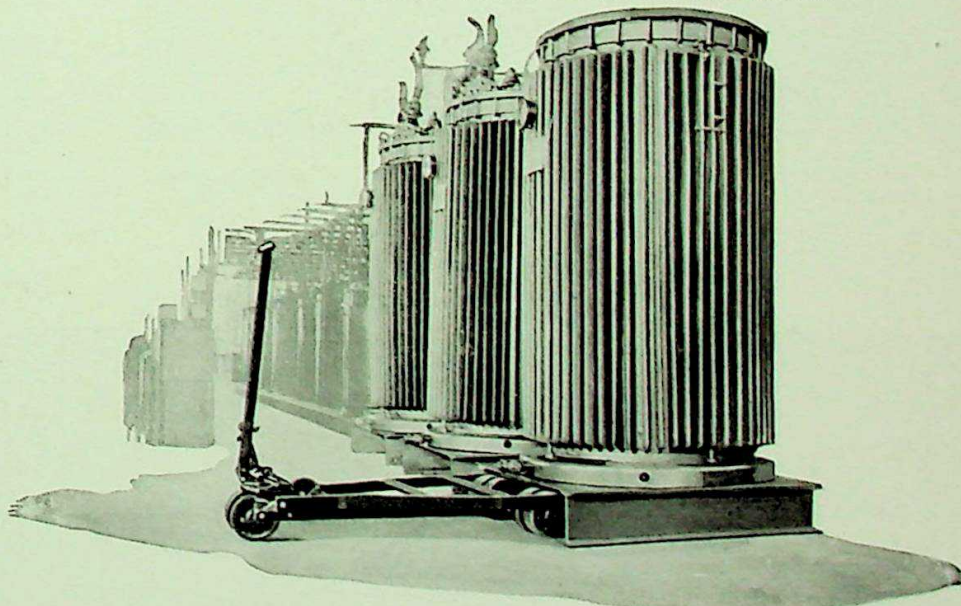
516. An occasional, but not an unusual job. This Barrett Lift-truck is used to move a set of storage bins to another part of the store.



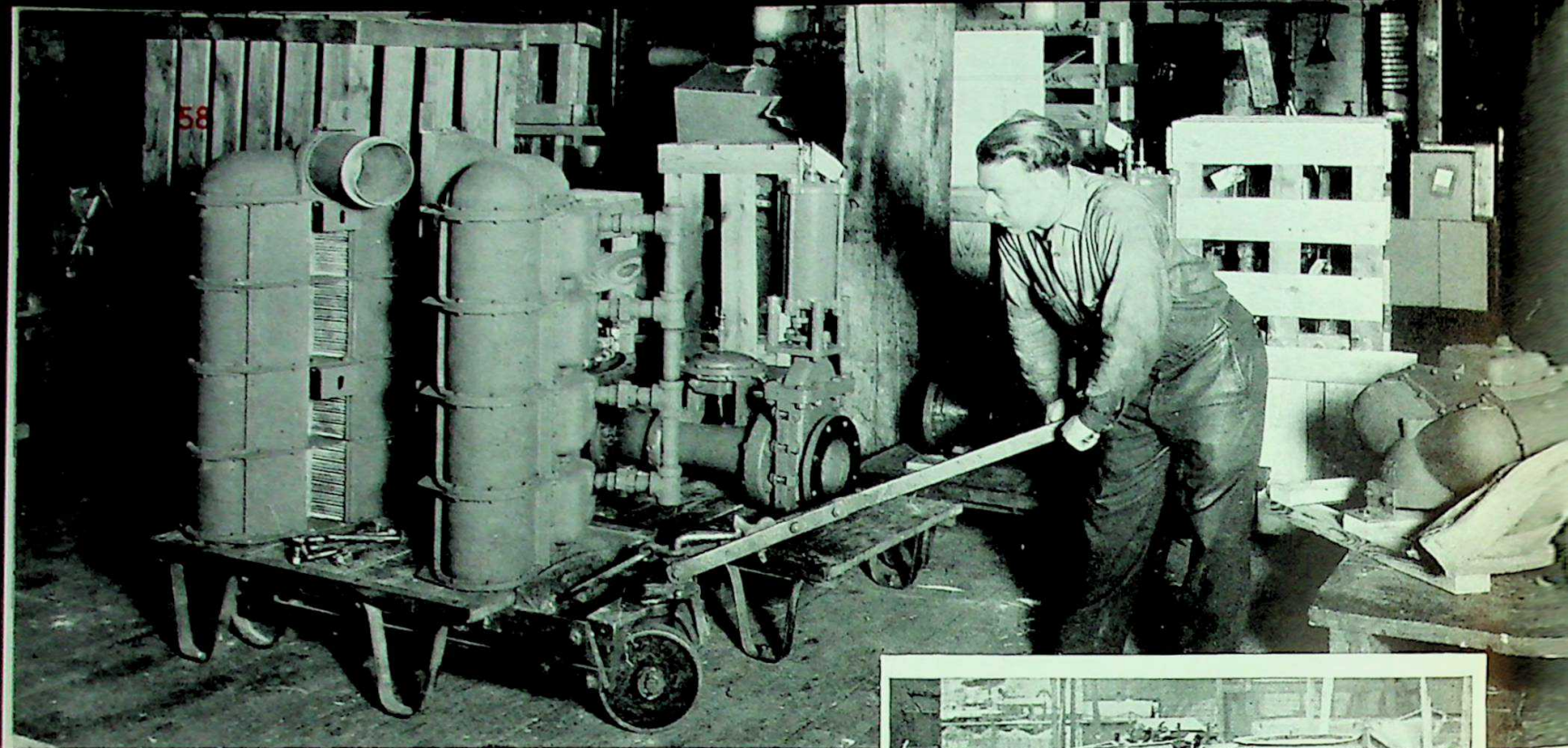
486. In the handling of hides, tanners find the Barrett Lift-truck system ideal. They approve of Barrett's acid resisting quality.



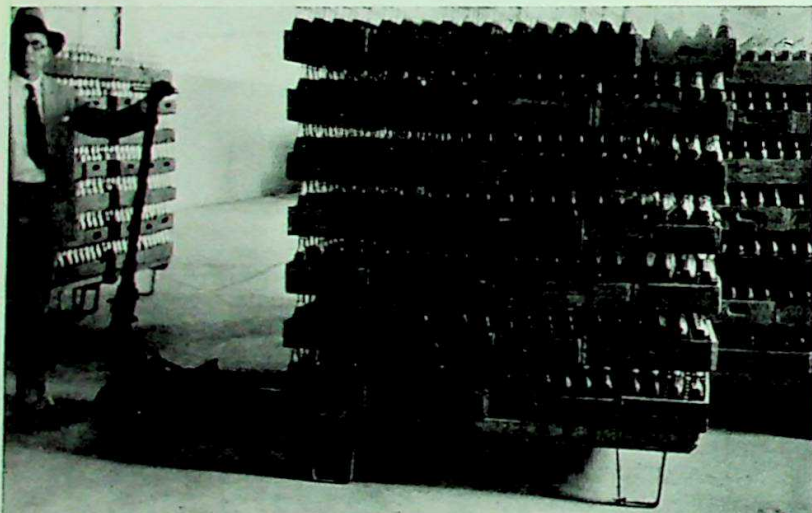
466. Without any breakage, more than forty cases of soda siphons are handled by this man with his Barrett Lift-truck. It saves time, labor, and material.



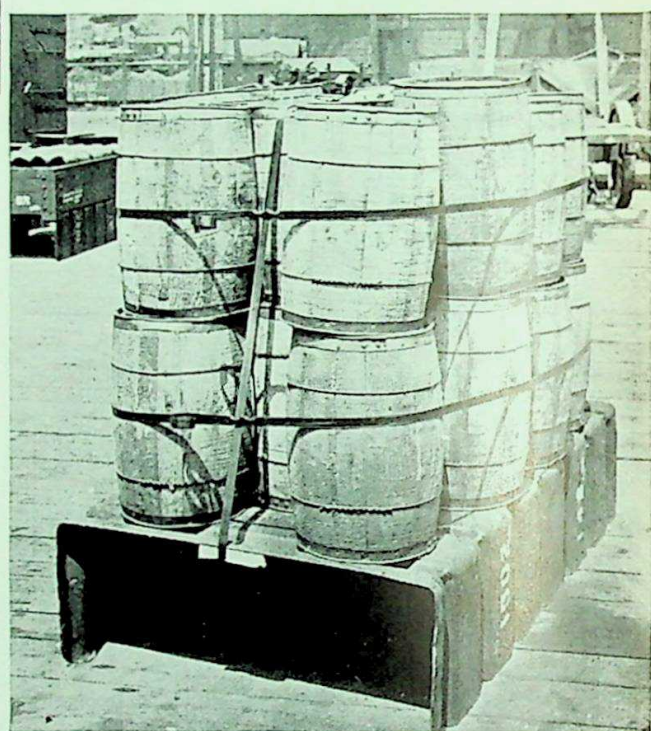
454. These 11,000 pound transformers, resting on heavy I-beam skids are handled easily with the special lift-truck Barrett built for this public service company.



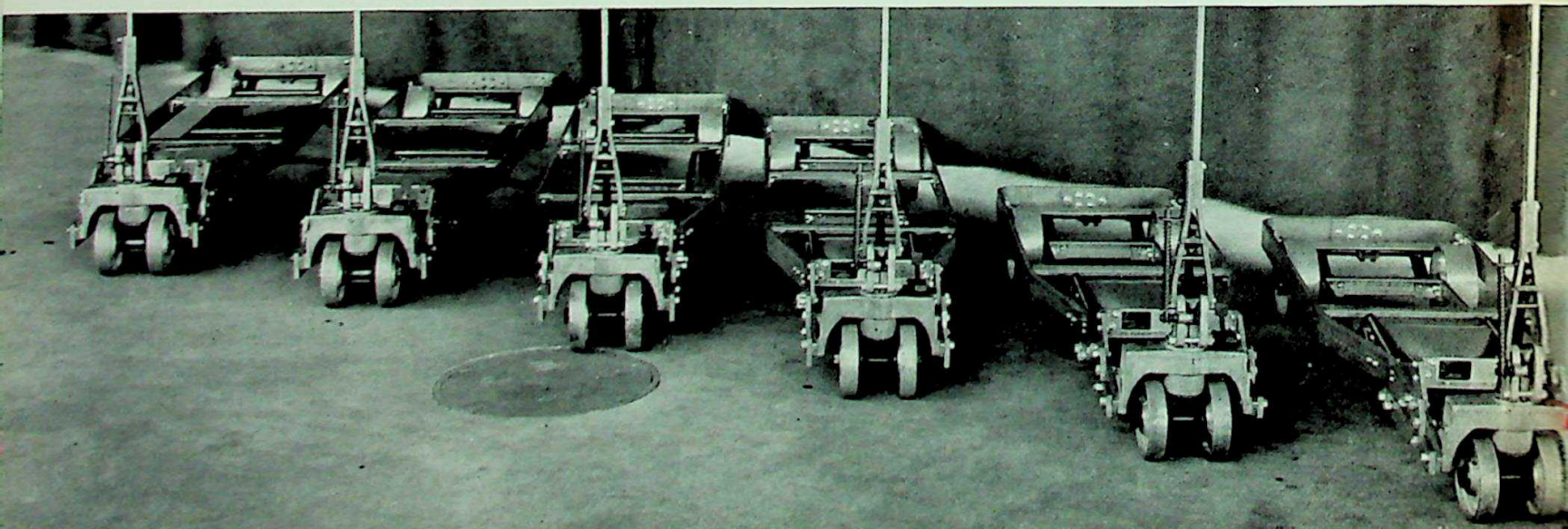
553. Handling equipment with the Barrett Lift-truck System enables one man to do the work of six men using the old fashioned "main strength" system. This man uses the Barrett method—works alone—saves time—saves labor—and saves money.

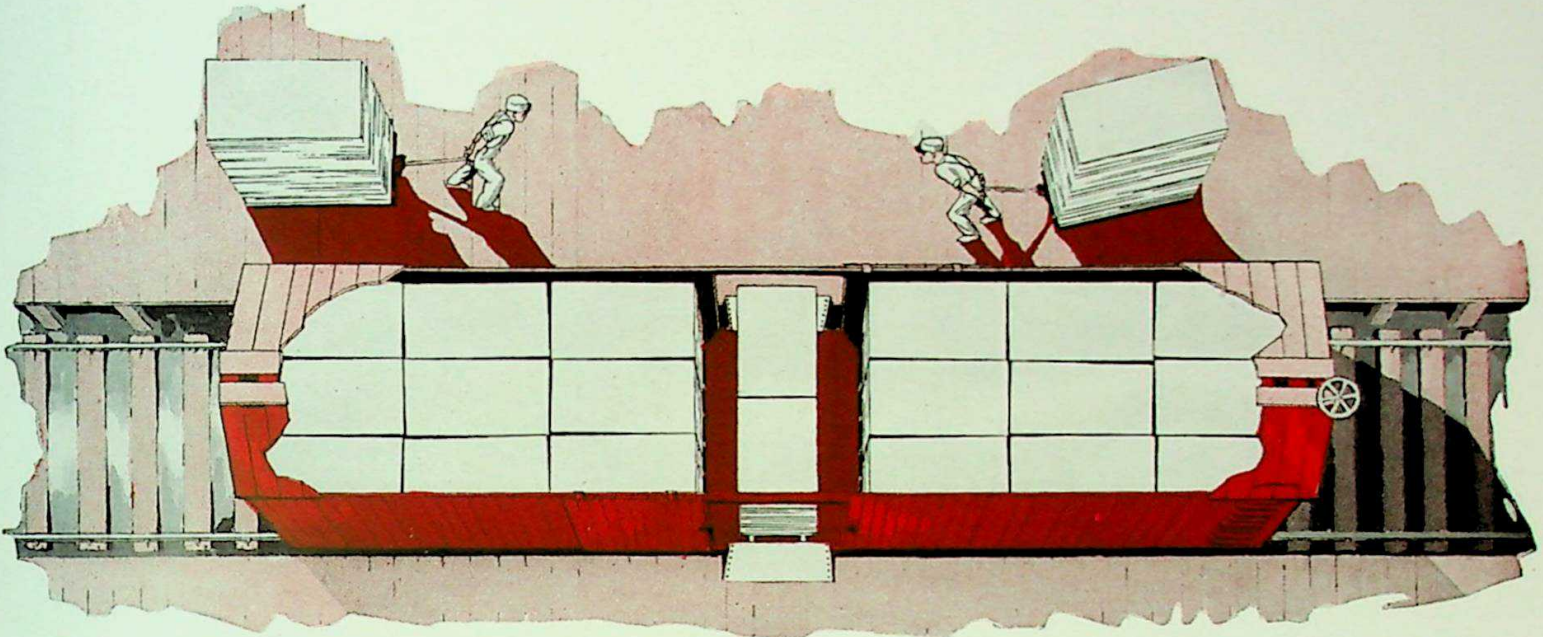


448. 70 Cases of Carbonated Beverage moved from the bottling machine to their destination—almost without the tinkle of glass. As they roll along on Barrett Lift-trucks, their safety is practically assured. A one man job.



515. One railroad ships its kegs of spikes to a divisional store house. Secured to their platform these kegs won't ramble over the car—and they can't break open and spill.





505. This cross section illustration shows how 20 of the 33" by 54" skids are placed in a box car for shipment. This 33" by 54" size skid is the one that the Government has adopted as standard. Nine loaded skids in each end of the box car and two in the door is the proper way to secure the best loading conditions.

SHIPPING ON SKIDS

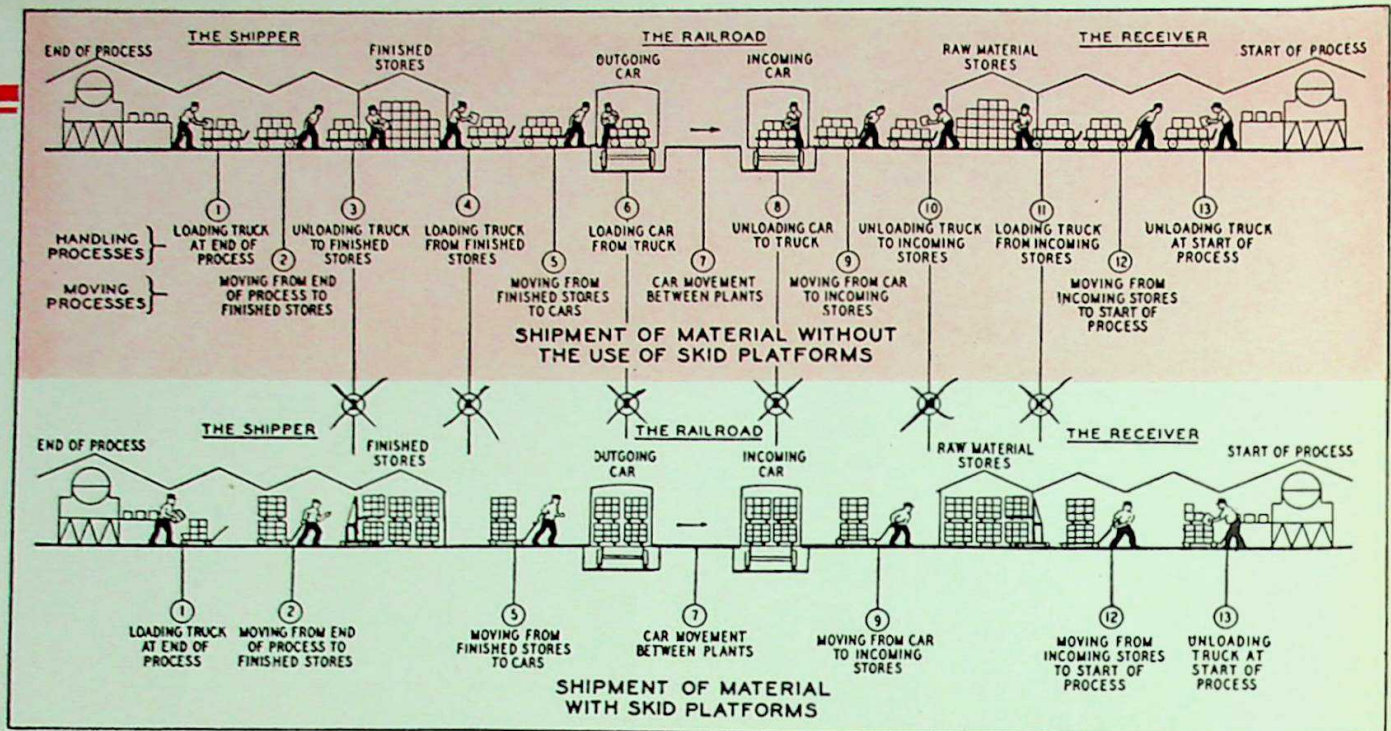
Magazine articles appearing practically each month in the leading industrial publications have offered a very liberal education on this new development in industry—SHIPPING ON SKIDS. Literally hundreds of tests have been conducted by many of the large industrial organizations to test the economy of this new movement. These tests proved that SHIPPING ON SKIDS reduces the number of handlings, eliminates spoilage and breakage, SPEEDS DELIVERY, and as a final consequence, LOWERS COSTS. Without a shadow of a doubt, the results of these tests indicate that within the very near future everything that can be shipped on skids will be so shipped.

Barrett-Cravens Company have participated in these tests and as a result are in a position to offer valuable information to those interested. Data is available concerning the

proper size skids and lift-trucks. We are also willing to co-operate to the extent of submitting for trial tests the necessary lift-trucks of correct specifications to meet the conditions existing under which the tests are to be conducted.

The Barrett Sales Engineer in your city will gladly aid in a survey of your methods and make such recommendations as his extensive experience in this particular business permits. Any information you desire in this connection will be freely supplied without in any way obligating you.

On the pages following are illustrated several typical installations which provide for shipping on skids, via train and motor truck, such products as paper, cartons, tin-plate, strip steel, bottled goods, etc. Study each one carefully.



THE OPERATIONS INVOLVED IN THE PHYSICAL DISTRIBUTION OF GOODS WITH AND WITHOUT THE USE OF SKID PLATFORMS

SIX OPERATIONS SAVED BY

SHIPPING ON SKIDS

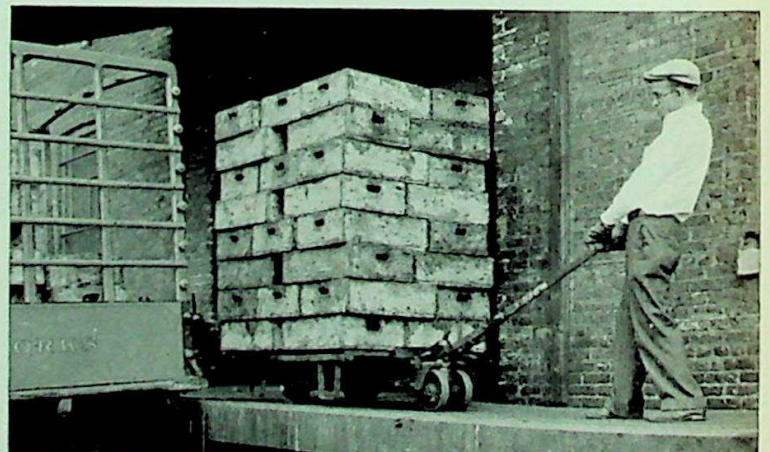
This interesting sketch has appeared in several publications as an excellent means of better visualizing the economical possibilities existing for those companies anxious to lower their shipping costs by adopting the latest method of Shipping-on-Skids.



555. A Package or Bundle Skid wherein odd shaped packages are loaded for shipment to one destination. This new method of shipping saves—time—money—and labor.



545. A One Man Job—Loading this freight car with pallets of strip steel is a one-man job when handled with a Barrett Pallet Lift-truck. Another method of "Shipping on Skids."



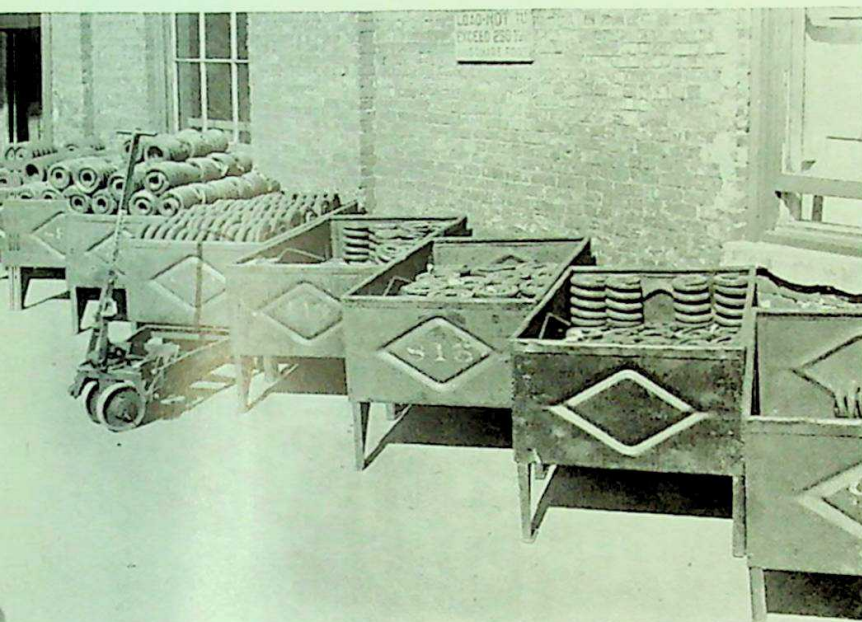
556. The safe and sure way to handle cases of bottled goods is the use of Steeleg Platforms and a Barrett Lift-truck. This load has just been rolled off the motor truck and is entering the warehouse.



513. A load of store's supplies just received from the main storehouse is being trucked out by the Barrett Redhead.

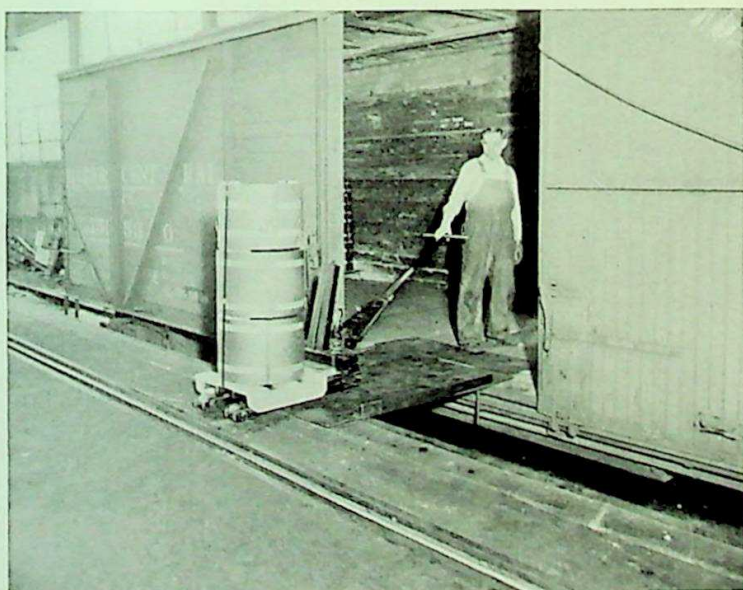


509. A box top skid filled with miscellaneous supplies being trucked out of a box car and into storage on a Barrett Lift-truck.

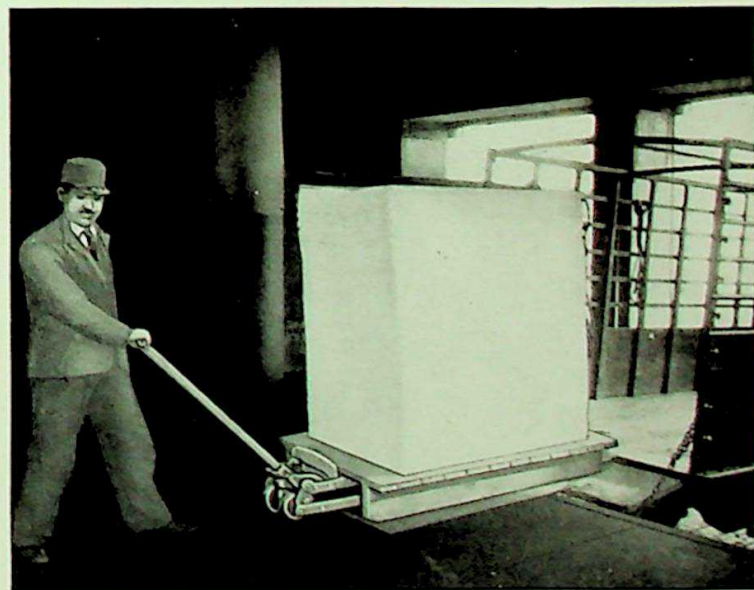


557

This long line of Barrett Steeleg Platforms are loaded with railroad springs and repair parts stored on the shipping dock—waiting transport to various points on the division. When they are moved, Barrett Lift-trucks will roll these heavy loads into freight cars where they will be shipped on skids.

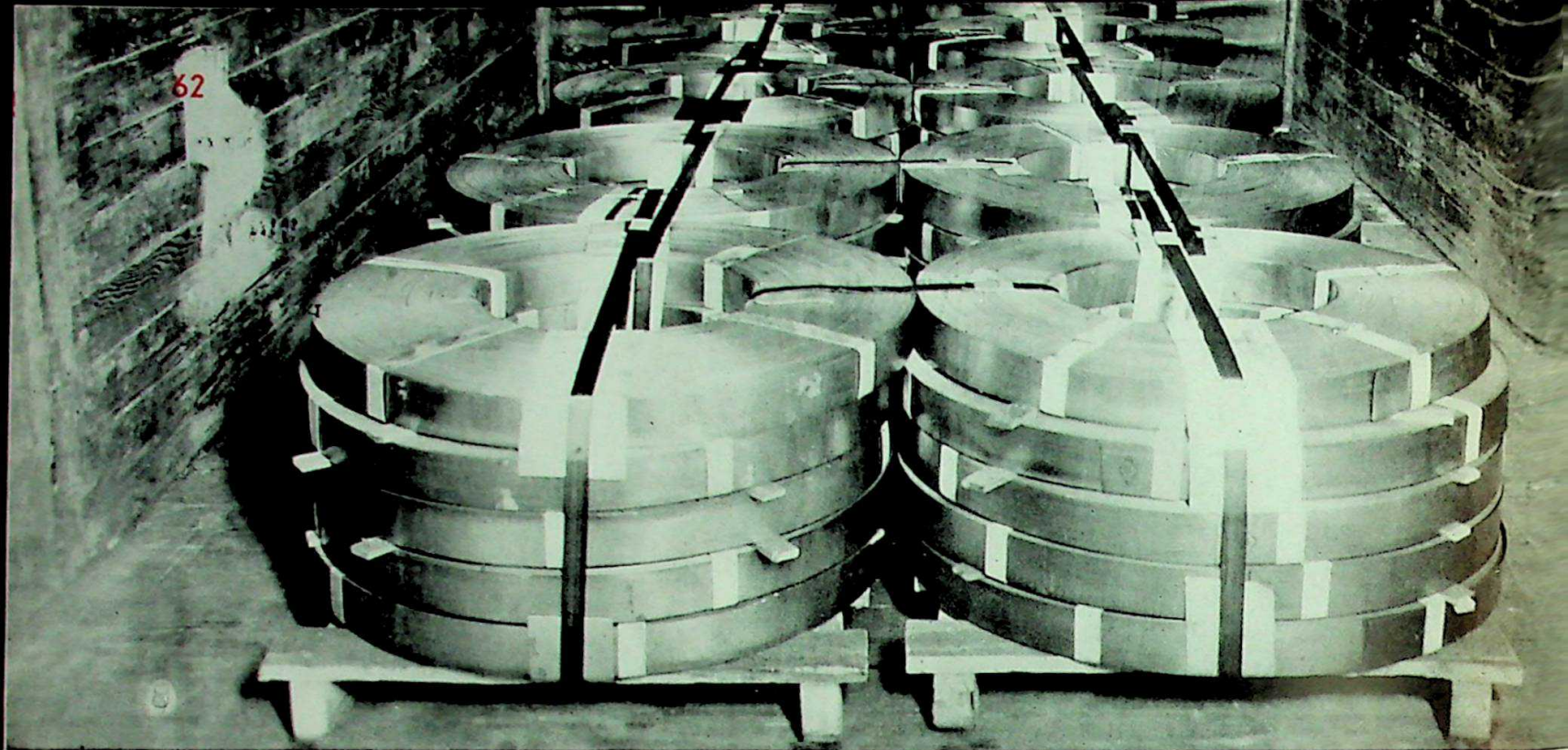


544. Loading a box car with pallets of strip steel. The high frame clearance on a Barrett Pallet Truck insures easy freight car loading.



503. Off the truck and into the printers—this neat skid load of paper rolls easily on a Barrett Lift-truck. And again one man does the work. For interior view of loaded car see illustration 505 on page 59.

SHIPPING ON SKIDS



547

Steeleg Platforms and Barrett Lift-trucks are industry's first line of action in handling equipment. In and out of freight cars—over rough shipping docks—or in smooth floored warehouses—they save time—labor—and money—do the work and do it safely.

Yet each job has its own requirements. So Barrett Lift-trucks are built to handle the heavy pressed

steel box skids (558) of a railroad shipping dock with the same ease with which they handle a load of fragile electric light bulbs. Miscellaneous packages or equipment—pallets of strip steel or tin plates (546)—paper on skids (503) or perishable produce—its all the same—a Barrett makes a one-man job of it.



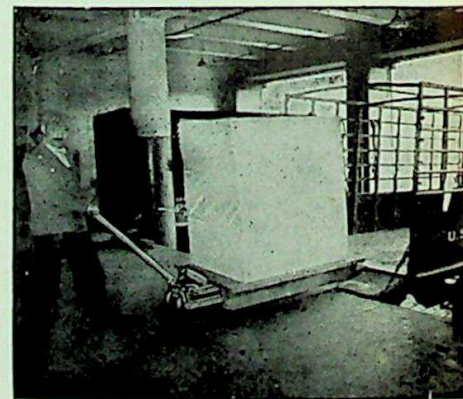
558



546



511



503

JUN 24 1948

DESIGN DIVISION

BARRETT STEELEG PLATFORMS

The use of skids or platforms is a necessity in the up-to-the-minute handling and storing of raw material, merchandise, or produce. And in the design and construction of these platforms Barrett Engineers have produced a skid that stands up under rough and ready usage. Its sturdy construction and built-in ruggedness make it a platform designed for long year-in-and-year-out wear. It will take a life time storage job or a hard daily routine of slam-bang action and repay your investment with faultless service.

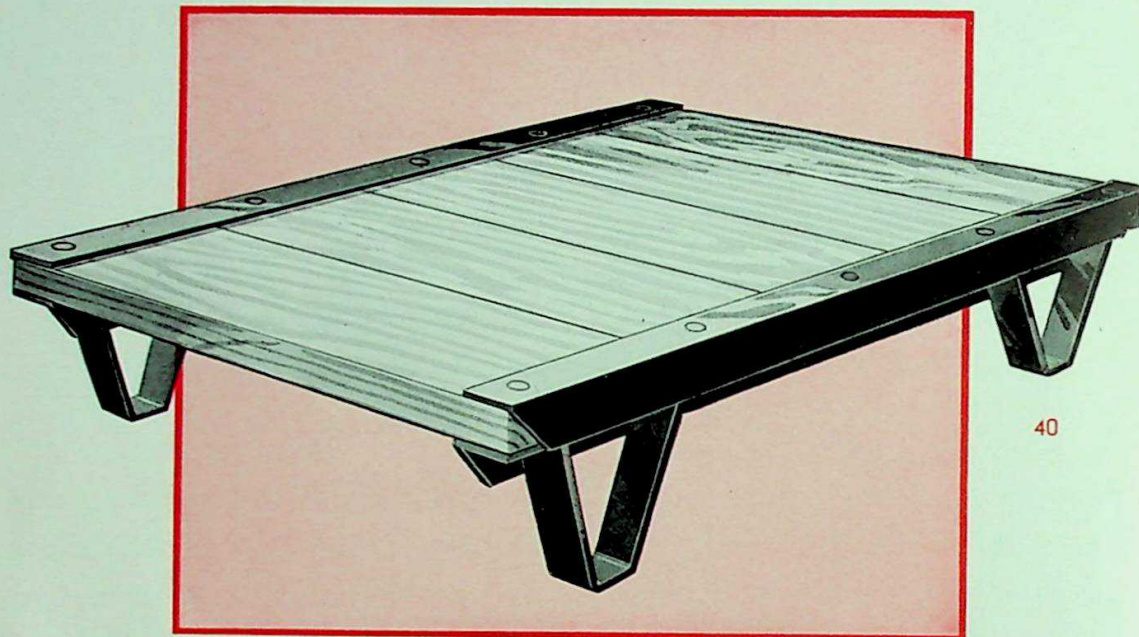
Barrett Steeleg Platforms have six all important features. (1) Hardwood top-boards, (2) Man-

ganese steel angles—50% greater strength than mild steel, (3) Jig constructed—every platform true to dimensions, (4) Legs have broad bearing surfaces on the floor, (5) Topboards are readily replaceable by merely removing only four bolts, and (6) They are designed to operate with any make Lift-truck.

These platforms are available in any width and length desired. Any suitable super structures can also be had, such as stakes, bins, box-tops, racks, shelves, and hangers. They will work with hand or power operated Lift-trucks, regardless of make.



BARRETT STEELEG PLATFORMS



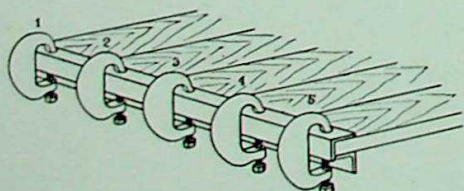
40

A STURDY SKID—Sturdy because it is securely bolted together. Designed to do a lot of handling under all conditions. Will work with any make of hand or power operated lift-truck. The pressed steel legs have a broad bearing surface on the floor. The heavy side angles protect the ends of the boards, and give rigidity to the skid. The bolted construction provides a tight platform—one that will not twist or warp out of shape. They will not buckle, break off, or come loose. Top boards are easily replaceable and in the same complete and rigid manner as when new. For example, when Barrett skids are subjected to hot, dry conditions, where lumber shrinks, one tightening of nuts, and boards are again tightly clamped. This is not possible in all-welded construction.

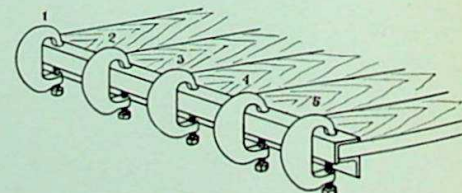
Made in five standard capacities and in all lengths and widths necessary. Four thicknesses of hardwood top-

boards to select from. A bang-up skid for slam-bang work. Metal parts are finished in black asphaltum paint.

Barrett Steeleleg Platforms are offered in five capacities—a range complete enough to handle any and all types of lift-truck operations—hand or power operated. Specifications are part of the capacity rating and should be used for comparison in checking sizes and types of present platforms. Each type has two distinct rated capacities—one for every-day use and the other for storage. Platforms that are loaded and remain in storage a good share of the time can be lighter in construction than those used daily. Any type can be equipped with whatever superstructure necessary for products handled. For example, stakes, box-tops, shelves, crane hooks, etc., can be added to any one of these five types. In selecting the type for your work be sure to choose a skid that is heavy enough.



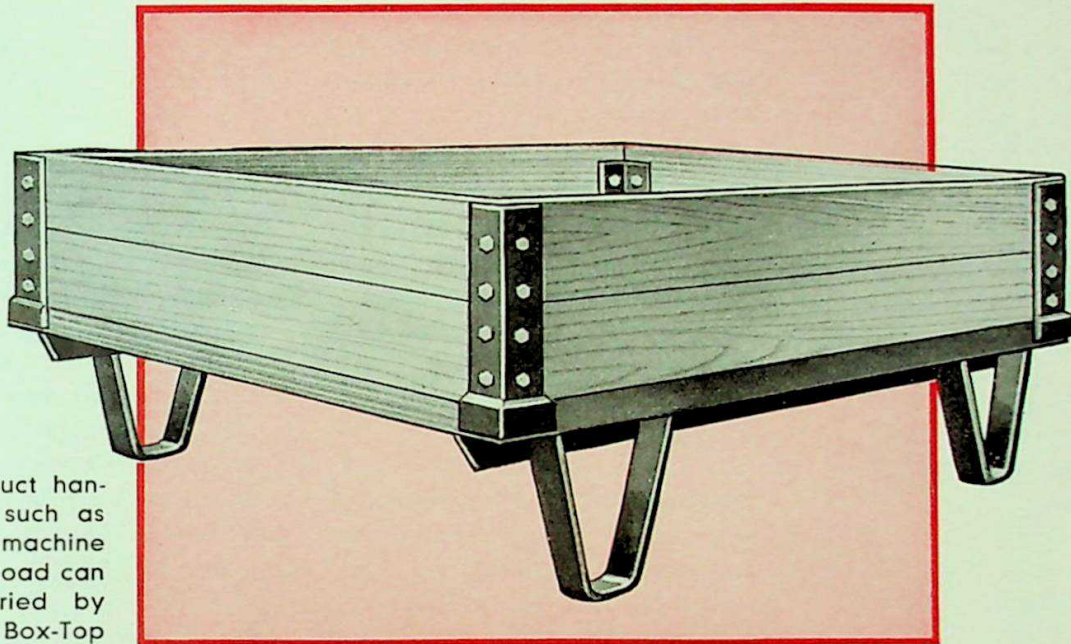
There is a minimum of 8 bolts on each Barrett Steeleleg Platform—4 on each side. These bolts are like 8 stout clamps—rigidly holding the platform together at all times. Correctly bolted platforms cannot become loose and wobbly.



The Barrett bolted construction offers the strongest platform made. In assembly these bolts are put on with electric nut tighteners. The nuts are locked in place with lock washers. After years of service when changing boards the bolted type provides easy replacement.

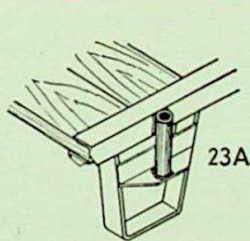
BARRETT **STEELEG** PLATFORMS

21

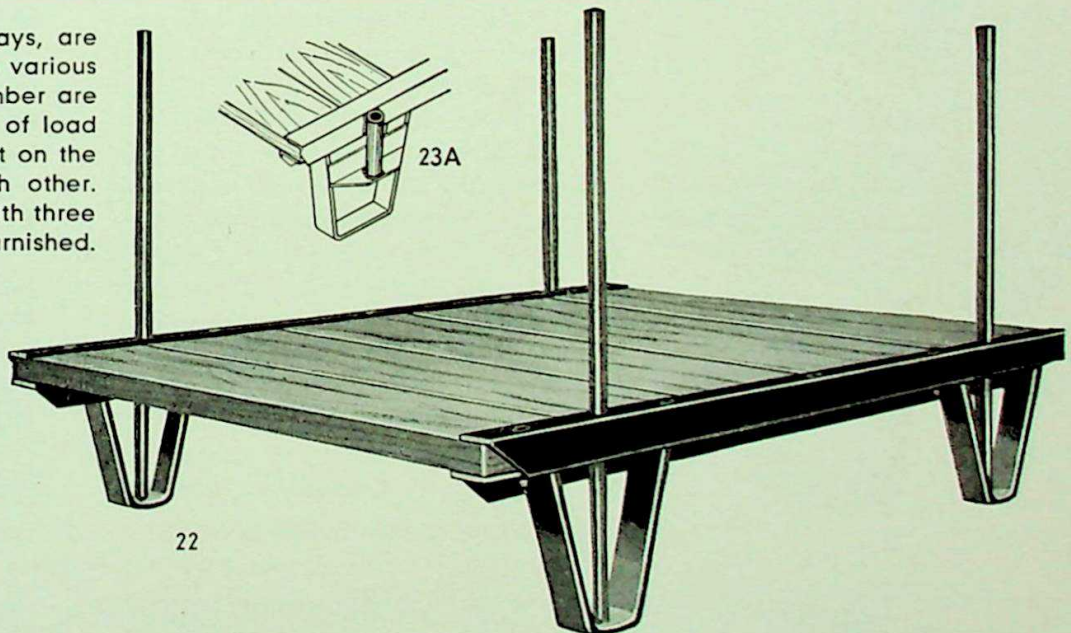


When the product handled is loose, such as castings and machine parts, a larger load can be safely carried by using a Barrett Box-Top Platform. These box-tops, also known as Nesting Trays, are made to fit any platform and in various heights. Three thicknesses of lumber are used, depending upon the type of load to be handled. The box-tops rest on the platform and also nest on each other. Special types with bottoms, or with three sides, or one side hinged can be furnished.

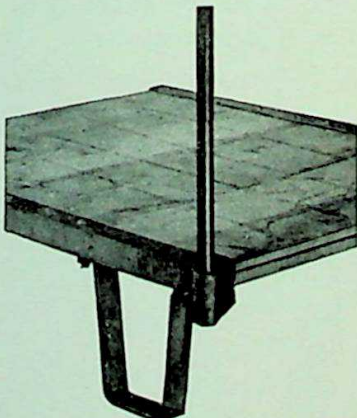
23A



22



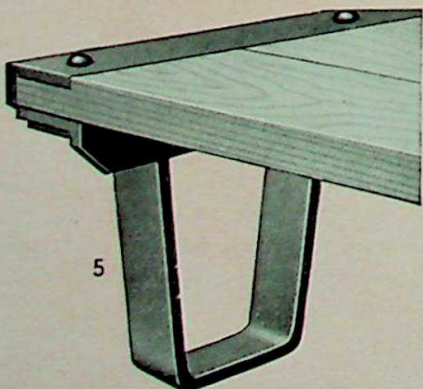
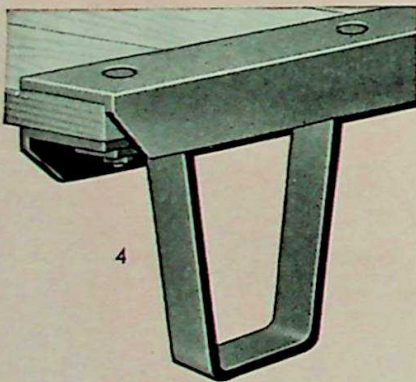
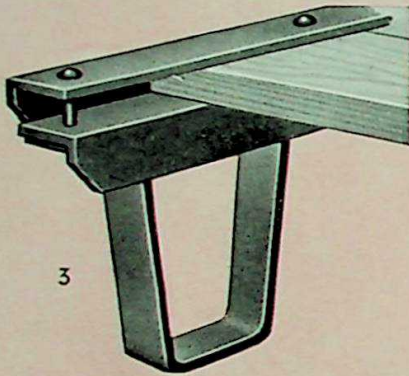
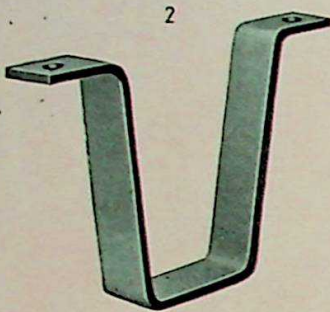
23



When lengths of pipe, lumber, or steel are handled the stake type platform is recommended. The stakes may be of wood or iron piping. Three types of pockets are illustrated. One (22) wherein the stake is rigidly secured by running the pipe stakes through the side angles and top boards down in the leg where it fits over a stud welded to the leg. Another (23A), a welded socket on the side. The other (23) is a demountable pocket quickly put on—easily taken off. It can be mounted any place along the side or at the corners of the platform—when mounted at the extreme corners, no usable space is wasted. Rigid—Sturdy—Inexpensive. All stakes are readily removed when not in use.

CONSTRUCTION VARIATIONS . . .

Study these construction variations. Notice also that the top boards are rigidly clamped between top and bottom angles—Figures 1 and 3. If perfectly smooth tops are desired, a combination of Figures 4 and 5 will do it. Likewise, if skids are to be used with power operated trucks, both the end angles (Figure 6) and the 4 bolts per leg (Figure 7) are two features worth considering.



1. End view showing the compact construction. Smooth, clean and sturdy. High grade steel properly fabricated and assembled with good, hardwood lumber makes the Barrett Steeleg an outstanding skid. Note the lower angle. It serves as a guide for the lift-truck.

2. The forged steel leg. Note the large floor surface—particularly necessary for bad floors and a protection for good floors. These legs are securely bolted to Barrett Steeleg Platforms with $\frac{1}{2}$ " steel carriage bolts. Lock washers are used.

3. This cut-away view shows how securely the hardwood topboards are clamped between steel angles. Boards are thus clamped the full length of the platform. The bolts are always tightened down—steel to steel.

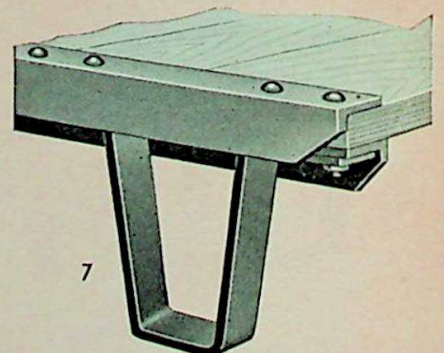
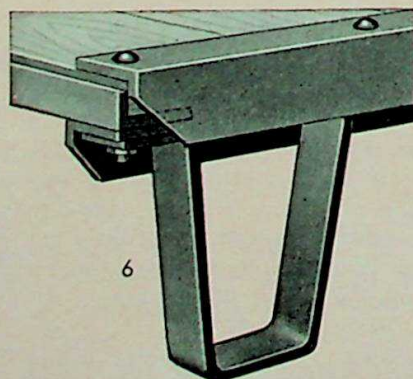
4. This view shows the countersunk bolt-heads, which, of course, are optional. Companies handling

stocks easily damaged prefer the smooth top angle with its countersunk bolts. The angles can be set flush in the wood also as shown in illustration No. 5, if desired.

5. Chamfered topboards—permitting the angle to be flush with the lumber. When desired, this can be combined with the countersunk bolt head feature shown in illustration No. 4.

6. End angles—to protect the end boards—are recommended for skids handled by power lift-trucks. Also, skids of large capacities are further strengthened through their use. For handling loads up to 5,000 pounds on hand lift-trucks they are not considered necessary.

7. Another feature recommended for all skids handled by power operated lift-trucks—four bolts to each leg. This not only anchors the leg more solidly, but it increases the strength and durability of the skid. Standard on PH type only.



TYPES & CAPACITIES

Here are the four standard types available out of stock. Notice that each type has two rated capacities—a "storage" as well as a "daily use" capacity. By adhering to the specifications of structural members as shown we are able to sell at a lower cost to you because our prices on these sizes are based on mill purchases. Other sizes are warehouse purchases and proportionately higher in price.

"PS" TYPE

8. A light duty skid—made as wide as 54" and up to 60" in length. Will work with any type and make hand lift-truck.

Capacity—Daily use.....3500 lbs.

Capacity—Storage use.....4500 lbs.

Top angles1½"x1½"x1/8"

Bottom angles1½"x1½"x1/8"

Legs, 6½", 7½", 9½"1½"x5/16"

"PB" TYPE

10. A husky skid that will take a lot of use and abuse. Can be had in any length and width.

Capacity—Daily use6000 lbs.

Capacity—Storage use8000 lbs.

Top angles2"x2"x3/16"

Bottom angles2"x2"x3/16"

Legs, 6½", 7½", 9½"2"x5/16"

Legs, 10½", 11½" or 12"2"x3/8"

"PM" TYPE

9. A medium duty skid—made in any length and width desired. Will work with any type and make of power or hand operated lift-trucks.

Capacity—Daily use5000 lbs.

Capacity—Storage use6500 lbs.

Top angles2"x2"x1/8"

Bottom angles2"x2"x1/8"

Legs, 6½", 7½", 9½"2"x5/16"

Legs, 10½", 11½" or 12"2"x3/8"

"PH" TYPE

11. The giant of them all. An extra heavy duty skid with four bolts in every leg.

Capacity—Daily use7500 lbs.

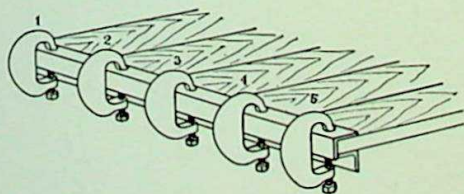
Capacity—Storage use ...10,000 lbs.

Top angles2½"x2"x3/16"

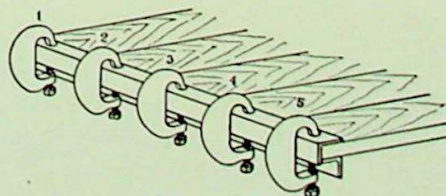
Bottom angles2½"x2"x3/16"

Legs—All heights2"x3/8"

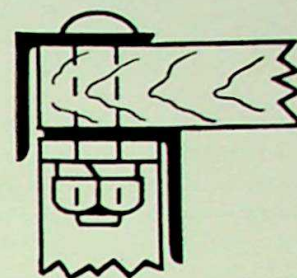
Legs—4-bolt type



There is a minimum of 8 bolts on each Barrett Steele Platform—4 on each side. These bolts are like 8 stout clamps—rigidly holding the platform together at all times. Correctly bolted platforms cannot become loose and wobbly.



The Barrett bolted construction offers the strongest platform made. In assembly these bolts are put on with electric nut tighteners. The nuts are locked in place with lock washers. After years of service when changing boards the bolted type provides easy replacement.

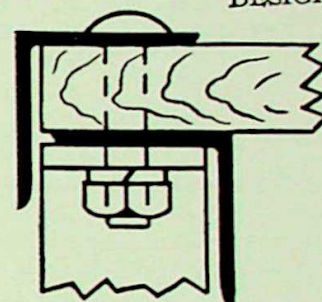


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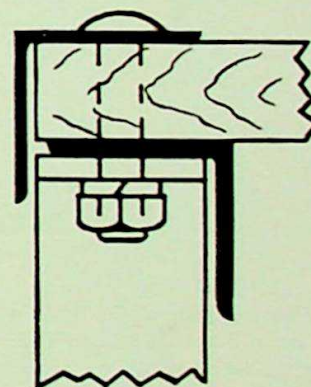
PATENT OFFICE

JUN 24 1948

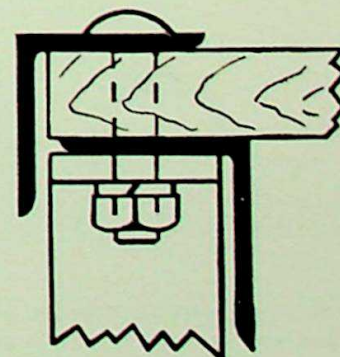
DESIGN DIVISION



9

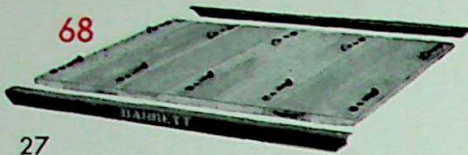


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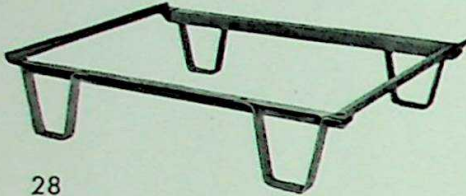
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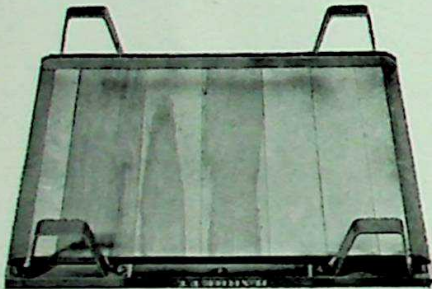
27

The simple construction is emphasized here. Any or all of the boards are easily and quickly replaced. Only full width hardwood boards are used.



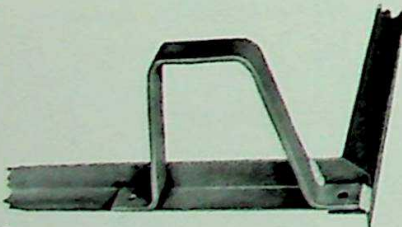
28

This sturdy one-piece arc-welded frame means long life even under severe conditions. Here you see it ready to have the top-boards securely bolted in place.



29

Bottom view showing the bolts and welds that make this a rigid husky skid platform. Note the full floor bearing surfaces of the four legs—and the end angles.



30

Illustrating the generous arc-welding of the legs and end angles. Here is a superior construction that you should insist on in all your future skid platforms.

DESIGNERS **BARRETT** ENGINEERS

CHANGE-WELD SKID PLATFORMS

COMBINATION BOLTED AND WELDED
WITH THE EASILY REPLACEABLE TOP-BOARD FEATURE

The ideal skid platform for those desiring the advantages of a welded skid, without the disadvantage of not being able to replace broken top-boards easily. This combination welded and bolted skid platform has all the features of the all-welded and all-bolted types. Not only are top-boards always securely held between the top and bottom angles in a "vice like" grip (no shifting top-boards) but in addition, any or all of the boards may be replaced easily. Legs have large floor bearing surfaces.

SET-IN LEGS

An important feature of the skid platform is the set-in legs—legs that are in from the ends—giving added strength and support to the entire length of the skid. No sagging or bogging down with these skids.

END ANGLES

Sturdy end-angles are standard equipment. Thus, end boards are fully protected against splitting and breakage. This feature is particularly desirable for use with the power operated lift-truck.

ONE-PIECE ARC-WELDED FRAME

The strength of this new combination welded and bolted skid platform comes from the one-piece arc-welded frame. As husky as any conditions, however severe, may demand.

BOLTED AND WELDED LEGS

No more legs cocked out of line because in this sturdy construction, both arc-welding and bolting hold the legs rigid and secure.

HARDWOOD TOP-BOARDS

Barrett employs only hardwood top-boards which are tightly clamped with steel bolts between the top and bottom angles. The boards vary in width from 5" to 8"—never wider—to provide economical replacement. There are never wide spaces between the top-boards on Barrett skids because of this construction.

FREE TRIAL

You may have one of these new Barrett combination Arc-welded and Bolted skid platforms for 15 days FREE TRIAL, without any obligation. It will be made up in any size you request and is yours to try out in your own plant, under your own conditions. Write for further information today.

This new construction is available in all the types and capacities. For angle and leg sizes, be sure to refer to the tables under "PS", "PM", "PB" and "PH" types, listed there. End angles are 2" x 1" x 1/8" on all skid platforms having top-boards 1-1/8" thick or heavier. Top-boards 7/8" thick have 1-3/8" x 7/8" x 1/8" end angles. Tops can be standard or smooth. Corner vertical legs (safety type) can also be had.



31

ARC WELDED SKID PLATFORMS

Those industries preferring the all-welded type skid platforms will find just what they want in both the 2-way and 4-way Barrett construction. Here you have two types of skid platforms: 2-way—permitting entry of hand or power operated lift-trucks from either end; and 4-way—permitting entry of the trucks from one or all of the four sides.

SAFETY LEGS

The safety leg—with the vertical member set flush with the end of skid provides protection against tilting, when skid platform is only partially loaded. Also, permits standing skids on end when not in use—to conserve storage space. Legs are machine formed for uniformity and have a broad floor bearing surface to eliminate floor damage.

ARC-WELDED—NO BUTT WELDS

Barrett-Arc-Welded Skid Platforms are securely held together with generous welding at all salient points. In no instance is butt-welding resorted to because Barrett recognizes the weakness of this construction. All legs have wide turned ends welded on all sides to contacting angles. This is an improvement worthy of consideration in skid platform construction.

ONE PIECE FRAME

The all-welded skid is so welded as to provide a one piece frame—with no loose parts. End angles, in addition to tying the frame-work securely, furnish ample protection to end boards against frequent bumping of lift-trucks.

HARDWOOD TOPS

Barrett Skid Platforms have hardwood tops which guarantee long life even under severe operating conditions. Boards of a minimum width of 5" are securely held between side angles to form as rigid a unit as is possible in the all-welded design.

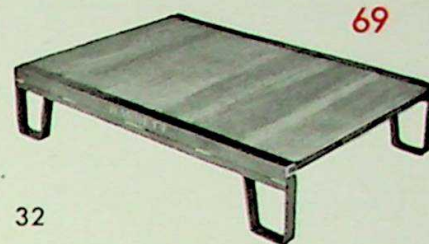
TRY BEFORE YOU BUY

See the Barrett All-Welded Skid Platform before you buy. Either a 2-way or 4-way is available to you for 15 days FREE TRIAL—and without obligation. Write us today—giving width, length, underneath clearance, and capacity of loads handled.



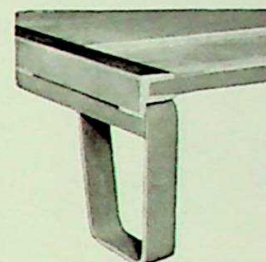
32

Bottom view of an Arc-Welded Barrett Skid. Platform clearly showing the "picture-frame" steel bound construction.



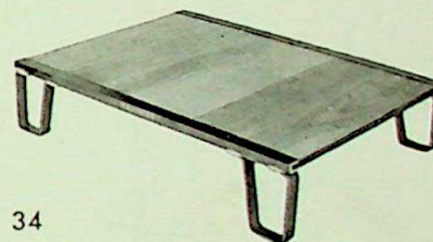
32

The 2-way Type—side angles securely welded together at vertical side to provide greatest possible strength. End angles, vertical leg member and hardwood tops are standard.



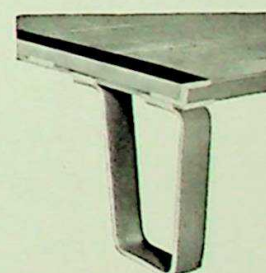
33

A view of the corner showing how Barrett avoids the butt-weld. This exclusive Barrett construction is the biggest improvement made in all-welded skids. The side angle arrangement shown here is used on the 2-way type only.



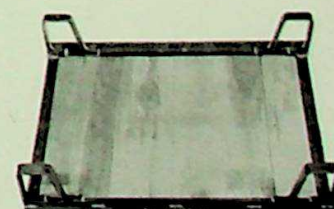
34

The 4-way Type—permitting entry of the lift-truck from all four sides. Again the end angles, vertical leg member and hardwood tops are standard.



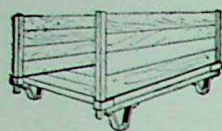
35

This corner view of the 4-way type shows the side angles forming a channel section. While not as strong as the 2-way type—still a good skid. Note the absence of butt-welding.

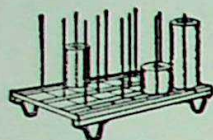


36

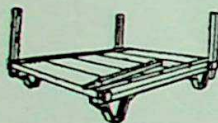
SPECIAL SKIDS



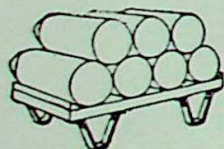
17 A Standard skid with two removable sides. Made any height—either steel or wood.



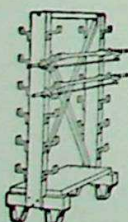
20 Spindle type skid—to handle smooth flat objects having a center hole—discs, etc.



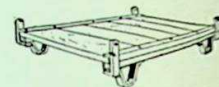
19 Standard steel leg skid platform equipped with removable wood stakes.



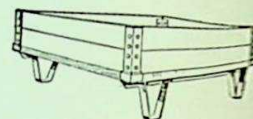
37 Skid with end ledge—to facilitate handling round objects such as cylinders, bombs, boilers, etc.



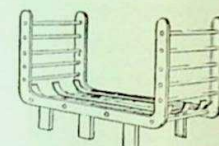
25 Tree skid—equipped with arms on which to hang or lay long pieces of material that will not pile.



18 Crane skid having "crane eyes" at each corner for sling attachment.



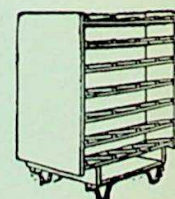
21 Box skid—for small parts that do not pack solid.



16 Wire coil skid—all steel construction.



24 Flat shelf skid with access to shelves from two sides.



26 Shelf skid—with shelves inclined toward center.

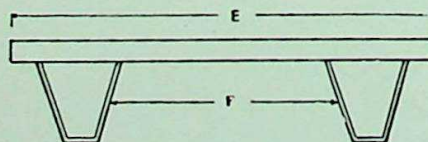
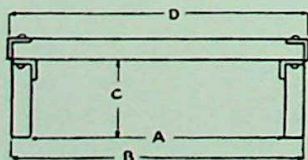
Throughout a period of years of specialized experience in making handling equipment for every known industry Barrett has designed and manufactured thousands of "special purpose" skids. When some peculiarity of product does not permit the use of an average skid or platform for storage or handling, a special platform is designed that will do the work. Only a few of the popular types of super-structures are shown here. A brief study of them might suggest a new method of handling your special products. Barrett Engineers will gladly assist in the development of it for you.

Regardless of the contour or size of your product—there is a super-structure possible that will make your product adaptable to the lift-truck system. In providing for this adaptability, products are handled with a minimum of cost. Breakage is eliminated and time saved. Every product in your plant can be "lift-trucked" and we will gladly show you how.

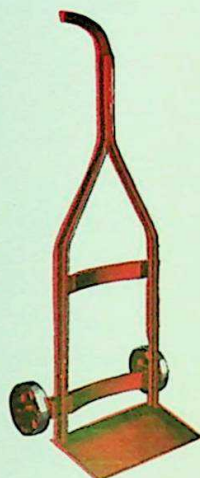
NOTICE

When ordering skids or platforms it is important to supply these six points of information—as per diagram below. 1. Width (D); 2. Length (E); 3. Underneath Clearance (C); 4. The Capacity; 5. USE: Active or Storage; 6. Quantity; 7. Clearance Between Legs; (only required where 4-way entry is demanded, A and F).

In determining the quantity it is always well to anticipate your needs a few months in advance, because the quantity discounts increase quite rapidly on the larger quantities, thus reducing your net cost per skid.



SPECIAL PURPOSE TRUCKS



**BARRETT KEG
&
CASE TRUCK**

FIG. KCT-1

A handy and sturdy single handle truck designed for easy transportation of beer kegs, barrels, boxes, cases, sacks—in fact, anything that has to be moved. An ideal truck to carry along on the auto-truck with the load. All-steel constructed—sturdy and yet quite inexpensive. Can be had with semi-steel or Rubber Tired Wheels. Plain or Roller Bearings.

SPECIFICATIONS

Model	Length	Width Nose	Nose Length	Wheels		Weight
				Dia.	Face	
15	46"	14"	7"	6"	1 3/8"	26 lb.

AVAILABLE FOR FREE TRIAL



FIG. J-1

BARRETT JUNIOR

Does the job single-handed. A dandy truck for handling case goods, beer kegs, drums or ash cans. Used extensively in stores and on delivery trucks. All steel constructed. Light in weight. Comes equipped with plain or Hyatt Roller Bearings and with either steel or Rubber Tired wheels. Available for FREE TRIAL.

SPECIFICATIONS

Model	Length	Width Nose	Nose Length	Wheels		Weight
				Dia.	Face	
1	45"	14"	4 1/2"	6"	1 3/8"	20 lb.
2	45"	14"	9"	6"	1 3/8"	21 lb.

CHISEL TRUCK

for
Crates, Cases, Tote Boxes, Etc.

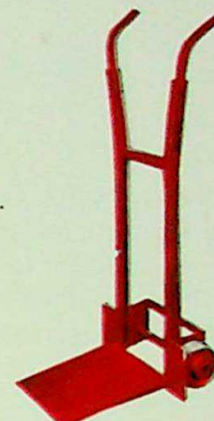


FIG. CT-3

This all-steel Chisel Truck is just the thing to handle any type of crate, case, tote box, barrel, or other containers about the plant.

Scientifically designed so that the load is directly on the wheels and axle, and not on the trucker's arms. All steel constructed and arc-welded.

Width, overall 19 1/4"
Height, overall 53"
Wheel diameter 6"
Bearings Hyatt Roller Bearings
Scoop: Width 13"
Length 16 1/4"
Shipping weight 67 lbs.

AVAILABLE FOR FREE TRIAL

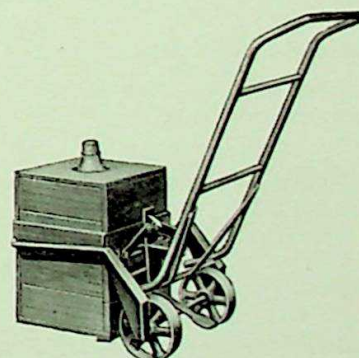


Fig. CT-101

CARBOY TRUCK

A safe and convenient manner to transport carboys. With this truck one man will take any carboy and quickly transport it to any destination without danger to himself or the carboy.

The operation is simple. Carrying arms are opened by depressing a lever. The truck is pushed into the carboy so the arms straddle it and are directly under the cleats. Stepping on a foot treadle brings the arms snug against the carboy sides and the operator is ready to truck it away. Bearing down on the handles raises the carboy off the floor for trucking purposes.

AVAILABLE FOR FREE TRIAL

LIGHT DUTY BARRETT PLATFORM TRUCKS

CAPACITIES 1000 to 2000 LBS.

Platform Trucks are a recent addition to the Barrett Line of Materials Handling Equipment. Modern in design. Modern in construction and in materials used. Barrett Platform Trucks are NEW—yet built into them is Barrett's experience of "more than a quarter century" in the Materials Handling Equipment Industry.

In developing this new line, EXPERIENCE—NOT precedent—revealed many previously neglected factors as essential. For example—the matter of capacity rating. Every Barrett Platform Truck has a rated capacity. The wheels, axles, side rails, hardwood decks—everything in the Barrett Truck—plays a definite part in determining the capacity. This procedure is new in the Platform Trucks Industry.

Further, Barrett introduces for the first time, a full specification of the materials used and the selection is based on Engineering requirements instead of "Price."

Here, then, is a NEW line of Platform Trucks, intelligently designed and as up-to-date as tomorrow.

TYPES

STANDARD



Fig. S1

Barrett Standard Type Platform Trucks are especially suited for use on steep ramps or inclines or where floors or runways are rough or uneven. This type truck is recommended in general for all service where quarters are not too cramped.

For use in close quarters, we recommend the Barrett Tilting Type, shown opposite.

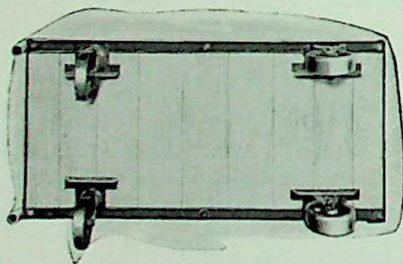


Fig. S3

TILTING



Fig. T1

Barrett Platform Trucks of the Tilting Type are preferred by many because of two outstanding advantages: (1) Double Ended—either end of the Truck can act as front end for pushing, (2) Short turning radius—turns on the middle main wheels in its own length.

For use over rough surfaces or steep inclines, the Standard Type, shown opposite, is recommended.

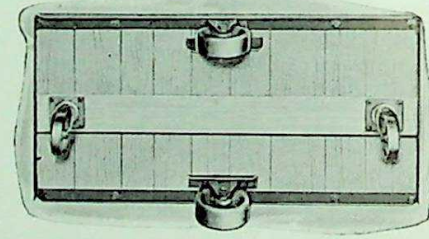


Fig. T3

GENERAL CONSTRUCTION

Barrett Platform Trucks—Standard and Tilting Types—are built from the ground up. Axles are high carbon and of generous size. Wheels are either semi-steel or rubber tired—anti-friction roller bearings and Zerk pressure lubrication are standard on both and insure trouble-free, easy handling.

The hardwood decks on Barrett Platform Trucks are made of selected northern maple, securely held—top and bottom—between two steel angles. Both ends, likewise, are steel bound. Electric welding, large size bolts and nuts securely held with lock washers—all contribute to a sturdy truck that cannot shake itself loose.

Stake pockets are standard equipment on all Barrett Platform Trucks.

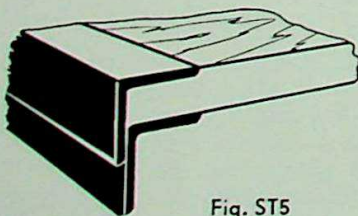


Fig. ST5

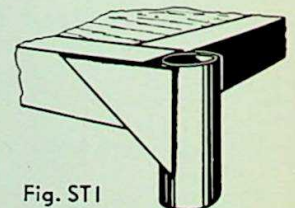
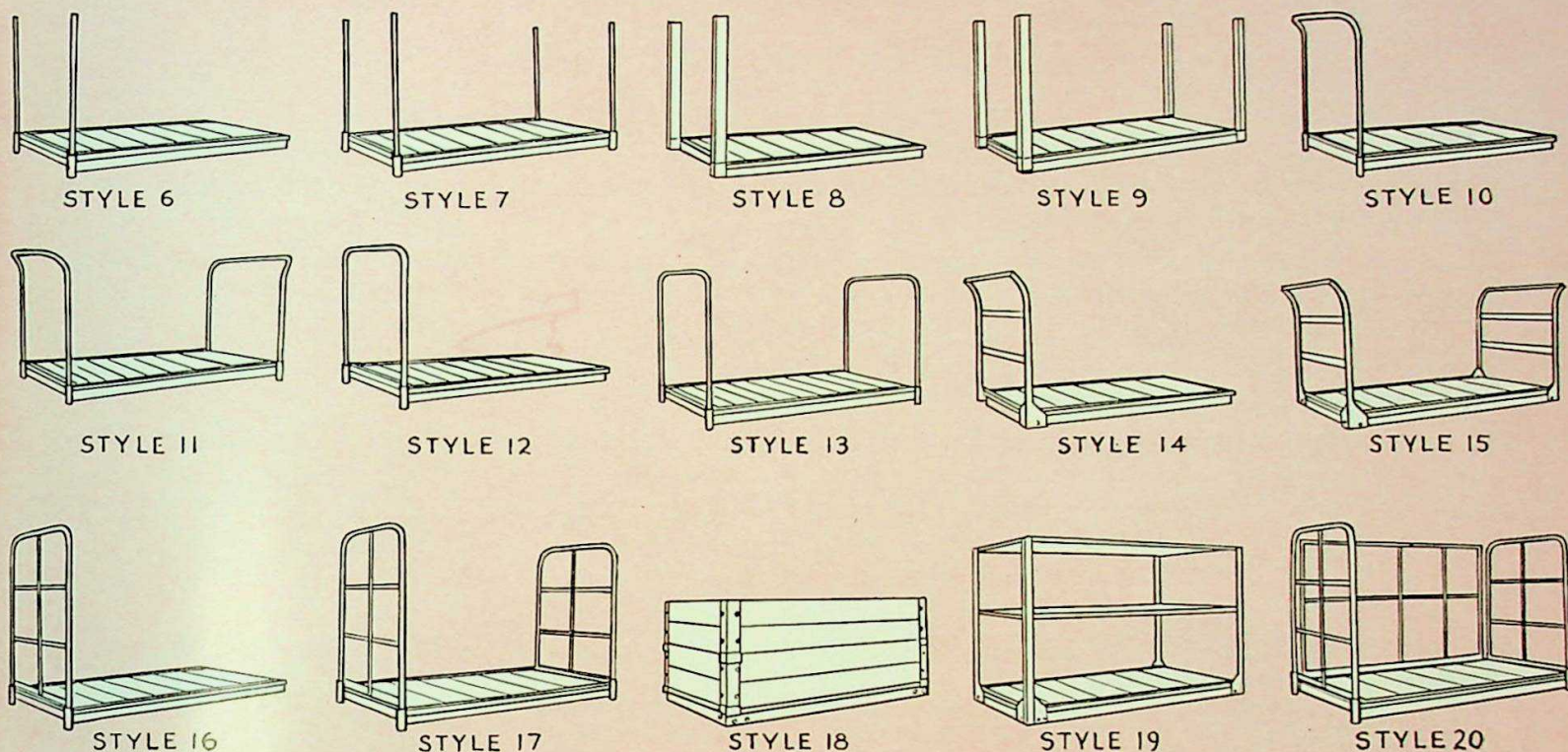


Fig. ST1

See next page for illustrations of various type super-structures and specifications of Barrett Light Duty Platform Trucks.

Several of the more popular Barrett Truck Super-structures are shown below. Barrett Engineers will design a special super-structure to handle any special product.

When referring to super-structure types, please use model identification numbers.



SPECIFICATIONS

"S" SPECIFICATIONS

Capacity	Running Gear	STATIONARY CASTERS		SWIVEL CASTERS		Deck Height	Deck Size
		Diameter	Face	Diameter	Face		
SEMI-STEEL WHEELS							
2000#	SPJ	8"	2½"	8"	1½"	10⅝"	24x48"
2000#	SHK	8"	2½"	8"	1½"		or 24x60"
2000#	SBJ	8"	3½"	8"	1½"		or 30x60"
RUBBER-TIRED WHEELS							
1500#	SWJ	8"	2½"	8"	1½"	10⅝"	or 36x60"
2000#	SXJ	8"	3"	8"	2"		

P—Plain Bearings—cast iron.
W—Ball Bearings—rubber tires.
H—Roller Bearings—semi-steel.

B—Ball Bearings—semi-steel.
X—Roller Bearings—wide face—rubber tires.

"T" SPECIFICATIONS — TILTING TYPE

Capacity	Running Gear	STATIONARY CASTERS		SWIVEL CASTERS		Deck Height	Deck Size
		Diameter	Face	Diameter	Face		
SEMI STEEL WHEELS							
1500#	TPJ	8"	2½"	6"	1⅞"	10¼"	24x48"
1500#	THJ	8"	2½"	6"	1⅞"		or 24x60"
RUBBER-TIRED WHEELS							
1000#	TVJ	8"	2½"	6"	2"	10¼"	30x60"
1500#	TXJ	8"	3½"	6"	2"		or 36x60"

*24x48—1500 lb. capacity only—all other sizes available with 1000 lb. capacity.

P—Plain Bearings—semi-steel.
V—Roller Bearings—rubber tires.

H—Roller Bearings—semi-steel.
X—Roller Bearings—wide face rubber tires.

MEDIUM
& HEAVY**DUTY BARRETT**
PLATFORM TRUCKS

CAPACITIES 1500 to 4000 LBS.

Barrett Platform Trucks are a new addition to the Barrett line of Materials Handling Equipment. In developing this new line of Platform Trucks, precedent played little part. Instead, careful consideration was given to those factors that our twenty-eight years experience as Materials Handling Engineers revealed as essential.

For example, every Barrett Truck has a rated capacity. The wheels, axles, side rails, hardwood decks—everything in the Barrett Platform Truck—plays a definite part in determining the capacity. This procedure is new in the Platform Trucks Industry.

Also, Barrett introduces for the first time, a full specification of the material used and the selection is based on engineering requirements instead of "Price."

Here, then, is a NEW line of Platform Trucks, intelligently designed and as up-to-date as tomorrow.

TYPES**STANDARD**

Fig. S2

Barrett Standard Type Platform Trucks are especially suited for use on steep ramps or inclines or where floors or runways are rough or uneven. This type truck is recommended without restriction for all service where quarters are not too cramped.

For use in close quarters, we recommend the Barrett Tilting Type shown opposite.

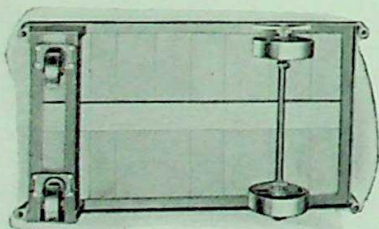


Fig. S4

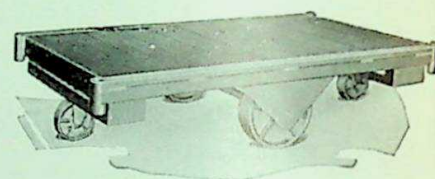
TILTING

Fig. T2

Barrett Platform Trucks of the Tilting Type are preferred by many because of two outstanding advantages: 1. Double Ended—either end of the Truck can act as front end for pushing. 2. Short turning radius—turns on the middle main wheels—in its own length.

For use over rough surfaces or steep inclines, the Standard Type, shown opposite, is recommended.

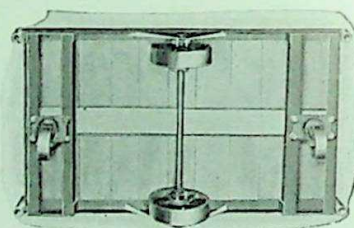


Fig. T4

GENERAL CONSTRUCTION

Barrett Platform Trucks—Standard and Tilting Types—are designed and built for life-long satisfaction. Axles are high carbon, and of generous size. Wheels—either semi-steel or rubber tired—are equipped with anti-friction roller bearings and Zerk pressure lubrication to insure trouble-free, easy handling. The hardwood deck on Barrett Platform Trucks is securely held—top and bottom—between two steel angles. The simplified yet advanced design of the Barrett running gear is obvious. No parts to get loose and drop off, and as sturdy as a battleship. Electric welding and generous size bolts and nuts held in place with lock washers contribute materially to the ruggedness of this truck.

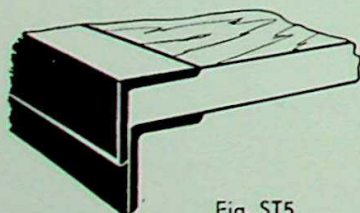


Fig. ST5

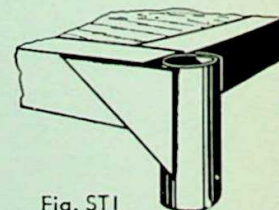


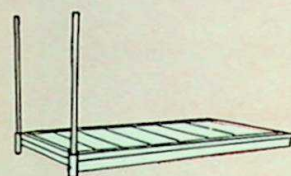
Fig. ST1

Stake pockets are standard equipment on all Barrett Platform Trucks.

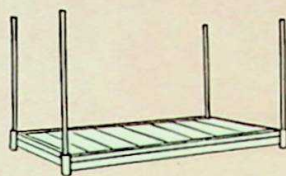
See next page for illustrations of various type super-structures and specification of Barrett Medium and Heavy Duty Platform Trucks.

Several of the more popular Barrett Truck Super-structures are shown below. Barrett Engineers will design a special super-structure to handle any special product.

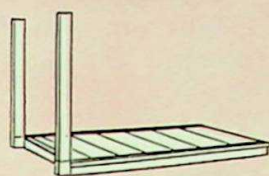
When referring to super-structure types, please use model identification numbers.



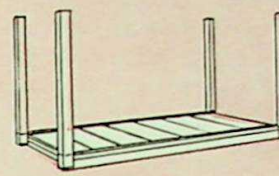
STYLE 6



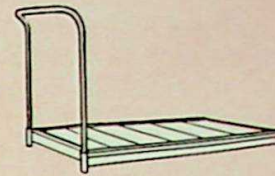
STYLE 7



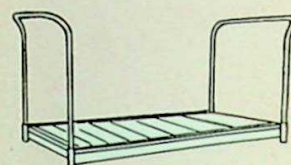
STYLE 8



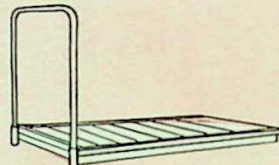
STYLE 9



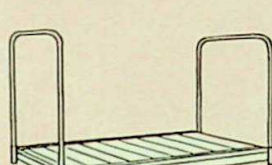
STYLE 10



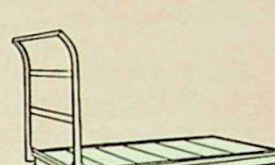
STYLE 11



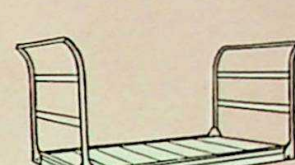
STYLE 12



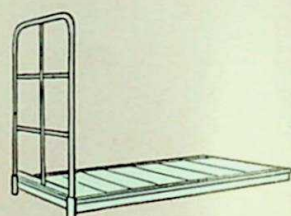
STYLE 13



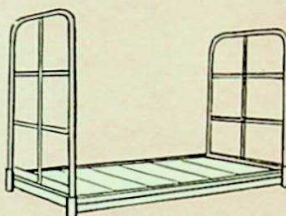
STYLE 14



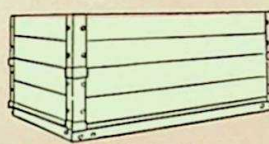
STYLE 15



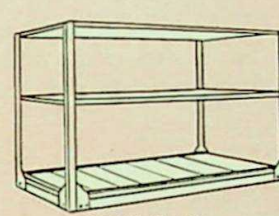
STYLE 16



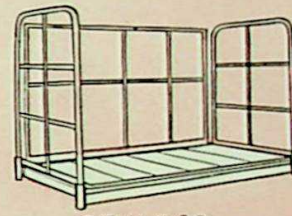
STYLE 17



STYLE 18



STYLE 19



STYLE 20

SPECIFICATIONS

"S" SPECIFICATIONS — STANDARD TYPE

Capacity	Running Gear	STATIONARY WHEELS		SWIVEL CASTERS		Deck Height	Deck Size
		Diameter	Face	Diameter	Face		
SEMI-STEEL WHEELS							
3000 _#	SHN	12"	2½"	6"	2"	14"	24x48" or 24x60" or 30x60" or 36x60"
4000 _#	SHU	18"	3"	8"	2"	20"	
RUBBER-TIRED WHEELS							
2000 _#	SVN	12"	2½"	6"	2"	14"	24x60" or 30x60" or 36x60" or 24x72" or 30x72" or 36x72"
2000 _#	SXN	18"	3"	8"	2"	20"	
3000 _#	SVU	12"	3½"	6"	2½"	14"	
4000 _#	SXU	18"	3½"	8"	2½"	20"	

All wheels equipped with Roller Bearings.

"T" SPECIFICATIONS — TILTING TYPE

Capacity	Running Gear	MAIN WHEELS		SWIVEL CASTERS		Deck Height	Deck Size
		Diameter	Face	Diameter	Face		
SEMI-STEEL WHEELS							
2000 [#]	THN	12"	2½"	6"	2"	14"	24x60" or 30x60" or 36x60"
3000 [#]	THU	18"	3"	8"	2"	20"	
RUBBER-TIRED WHEELS							
1500 [#]	TVN	12"	2½"	6"	2"	14"	24x60" or 30x60" or 36x60" or 24x72" or 30x72" or 36x72"
2000 [#]	TXN	12"	3½"	6"	2½"	14"	
2000 [#]	TVU	18"	3"	8"	2"	20"	
2500 [#]	TXU	18"	3½"	8"	2½"	20"	

All wheels equipped with Roller Bearings.

NIFTY-LIFTER SYSTEM

The Barrett Nifty-Lifter system is a compromised system that borrows its ease of operation and its simplicity from Barrett Lift-trucks and Barrett Floor Trucks. It is ideally suited to those industries not requiring a complete lift-truck installation—and yet desiring something more than can be obtained through the use of floor trucks.

The Barrett Nifty-Lifter System does not require an experienced operator for the maximum efficiency. The Nifty-Lifter itself is a simple, safe, mechanism that will not get out of order easily. It will stand a lot of abuse and careless handling.

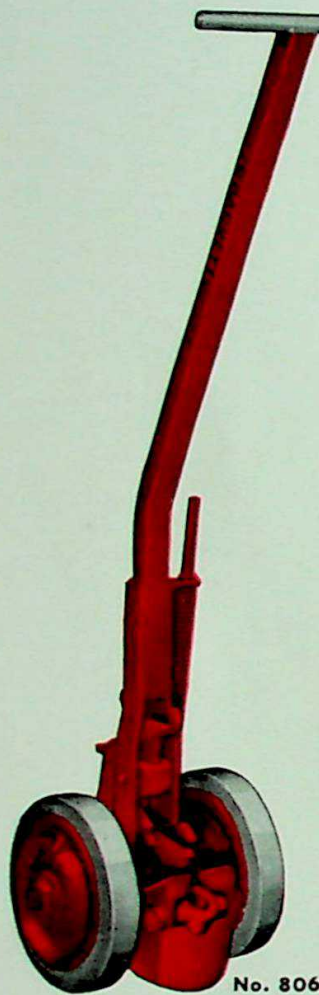
The semi-live skids used in connection with it, are steel bound and have hard wood topboards. Wheels are equipped with anti-friction bearings and fitted with Alemite grease cups.

Each Barrett Nifty-Lifter will successfully service from four to twenty-five skids. The cost is low and the results in savings produced through their use, high.

The easy handling of Barrett Nifty-Lifters—even in congested areas, makes it an ideal system for the handling of cases, boxes, crates, sacks, kegs, in fact every conceivable type of product. For special cases and kinds of materials, skids with a variety of super-structures are available. Some of these are illustrated and described on the next page.

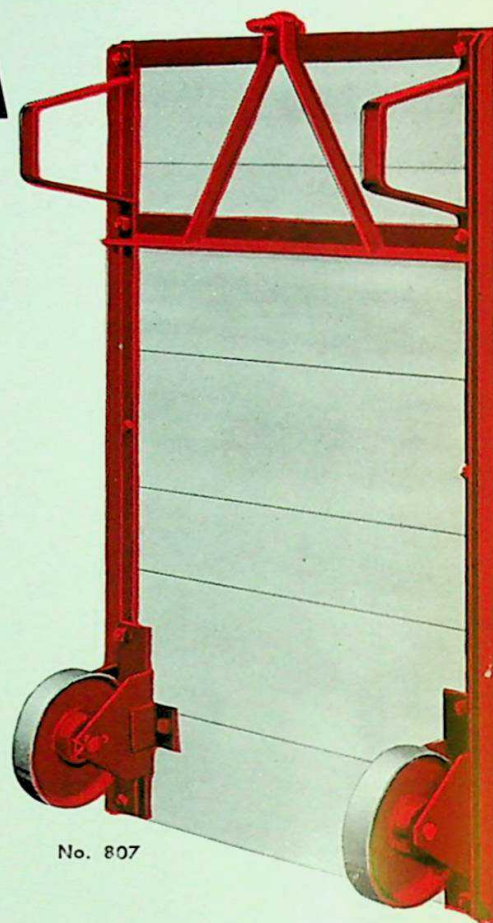
FREE TRIAL

So that you may try it out in your own plant, with yourself as the sole judge, a Barrett Nifty-Lifter and skid are available to you for fifteen days' FREE TRIAL. See the next page for the skid sizes available, make your selection and write us for your free trial.



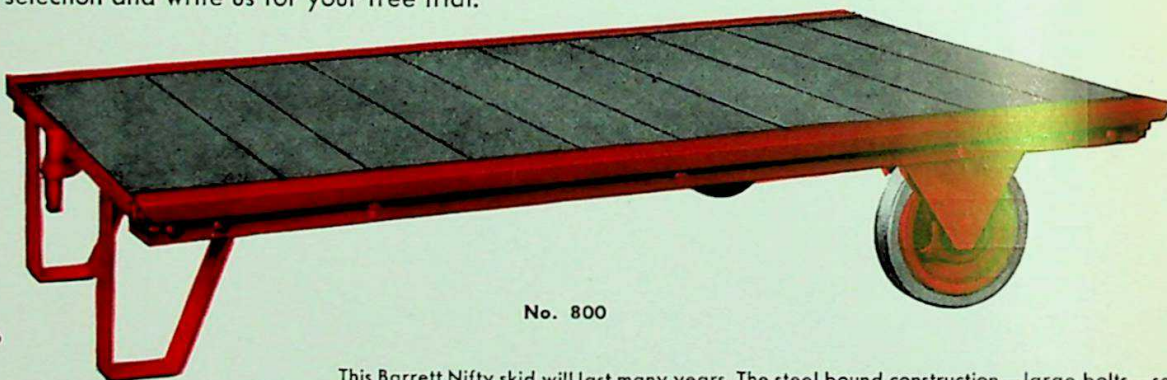
No. 806

The Barrett Nifty-Lifter is truly "a machined mechanism," designed to provide safe, efficient operation, both in raising and lowering loads. A "positive latch" takes out all the guess-work. It eliminates hazards. The spring handle holdup—exclusive with Barrett—keeps the handle off the floor—when not in use—a most desirable feature. The entire unit is safe and sturdy—weighing only 64 pounds. It has no awkward foot treadles to trip—no adjustments to make. Wheels are anti-friction bearing equipped—8" in diameter—for easy pulling. Can be had in either semi-steel or rubber tire. Loads can be lifted from an angle of 75° on either side.



No. 807

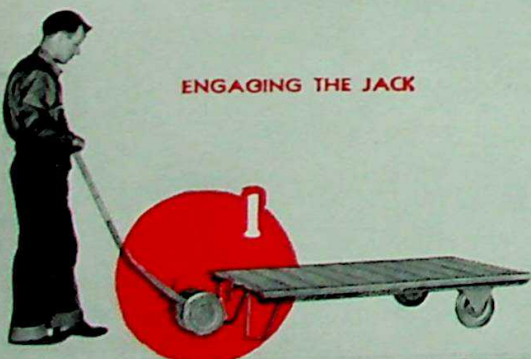
The underside of the Nifty skid showing the steel bound construction and the rigid wheel mounting.



No. 800

This Barrett Nifty skid will last many years. The steel bound construction—large bolts—securely held with lockwashers—and the husky construction of the legs insures uninterrupted service over a long period of time. The hard wood topboards running with the width of the skid provide rigidity and eliminate "sag." Three thicknesses— $\frac{7}{8}$ ", $1\frac{1}{8}$ " and $1\frac{3}{8}$ " are available. The wheels can be either semi-steel or rubber tire. They are bolted to the platform in such a manner to permit replacing them at any time with standard steel legs so as to convert the system—if desired—into a standard hand lift-truck system. The lifting horn assembly likewise is quickly removable in the event that this conversion is desired. This feature is likewise exclusive with Barrett. The wheels are 8" diameter and equipped with anti-friction bearings. The next page illustrates several super-structures with which this unit can be equipped for special purpose handling.

ENGAGING THE JACK

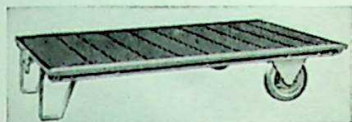


LIFTING THE LOAD

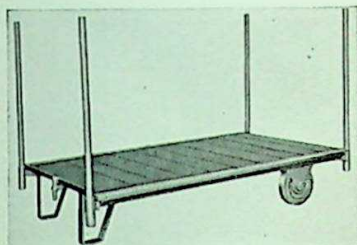


TRUCKING AWAY

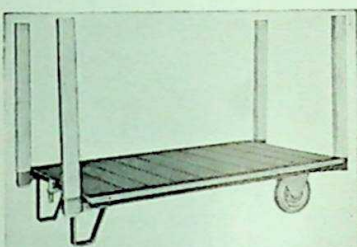




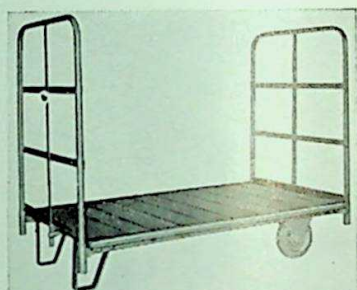
No. 800 Standard Type



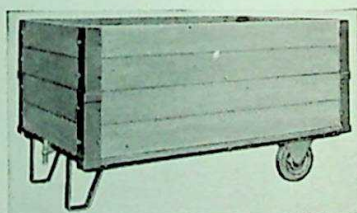
No. 801 Pipe Stake Type



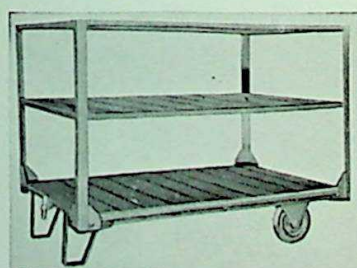
No. 802 Wood Stake Type



No. 803 End Rack Type



No. 804 Box Type



No. 805 Shelf Type

NIFTY-LIFTER

The Barrett Nifty-Lifter system is a complete system. Almost an indefinite number of skid sizes, in various capacities are available—and with various super-structures. No product or handling problem is too complex for it. Popular skid sizes with either $\frac{7}{8}$ ", $1\frac{1}{8}$ ", or $1\frac{3}{8}$ " hard wood tops are as follows:

24" x 36"	30" x 36"	36" x 42"
24" x 42"	30" x 42"	36" x 48"
24" x 48"	30" x 48"	36" x 54"
24" x 54"	30" x 54"	36" x 60"
24" x 60"	30" x 60"	36" x 72"

These skids are made with either the standard or the smooth top. Wheels can be either semi-steel or rubber tired. Anti-friction bearings are standard equipment.

EASY LIFT

Easy lift is assured with our patented positive latch. For example, the pounds effort on the lift handle for various loads is as follows:

1500 lb. load	43 lbs. effort
2000 lb. load	57 lbs. effort
2500 lb. load	70 lbs. effort
3500 lb. load	99 lbs. effort
5000 lb. load	142 lbs. effort

EASY OPERATION

The operator merely wheels the Nifty-Lifter into the lifting horn on the skid. Then a downward motion of the handle lifts the two skid legs clear of the floor. A positive acting latch holds it securely locked in this position. To lower the skid, the towing handle is lowered toward the floor, releasing the latch and permitting the loaded skid to settle gently, by means of the handle, under full control of the operator. There are no other gadgets to fuss with.

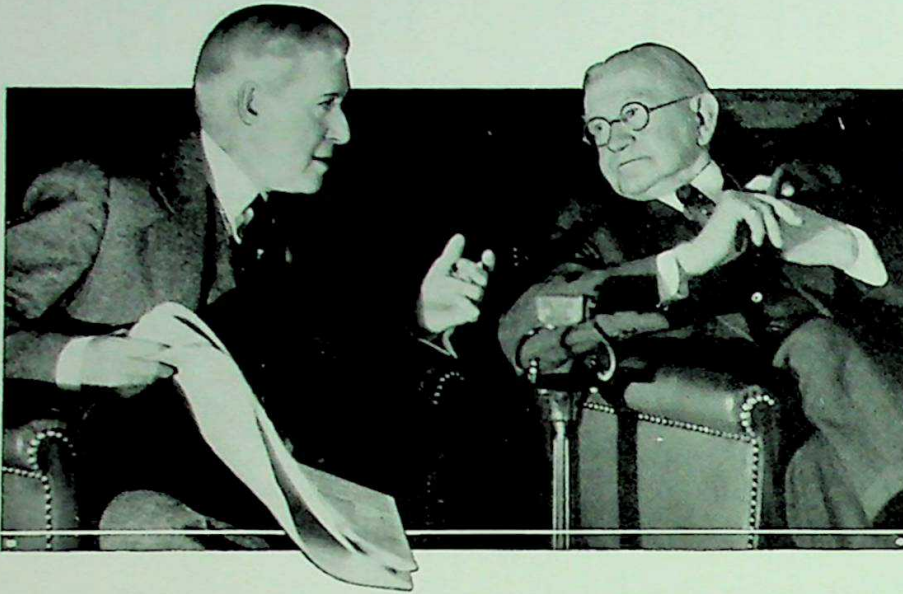
GENERAL DATA

Some general specifications of interest on the Nifty-Lifter are:

Length Overall	48"
Width	11½"
Weight	64 lbs.
Distance from skid to handle, when engaged	11"
Angle lift	150°
Wheel tread	8"
Wheel diameter	8"
Skid height, lowered	
Front	10½"
Rear	11"
Skid height, raised	
Front	11"
Rear	11"
Underneath clearance of skid	9½"

AVAILABLE FOR FIFTEEN DAYS FREE TRIAL





*"We won't have to
build that addition
after all! We can
secure the additional*

*space we need and save the cost of a
new building—by using*

BARRETT

STORAGE RACK SYSTEMS"

RELEASE EXCESSIVE STORAGE ROOM FOR
PRODUCTIVE PURPOSES

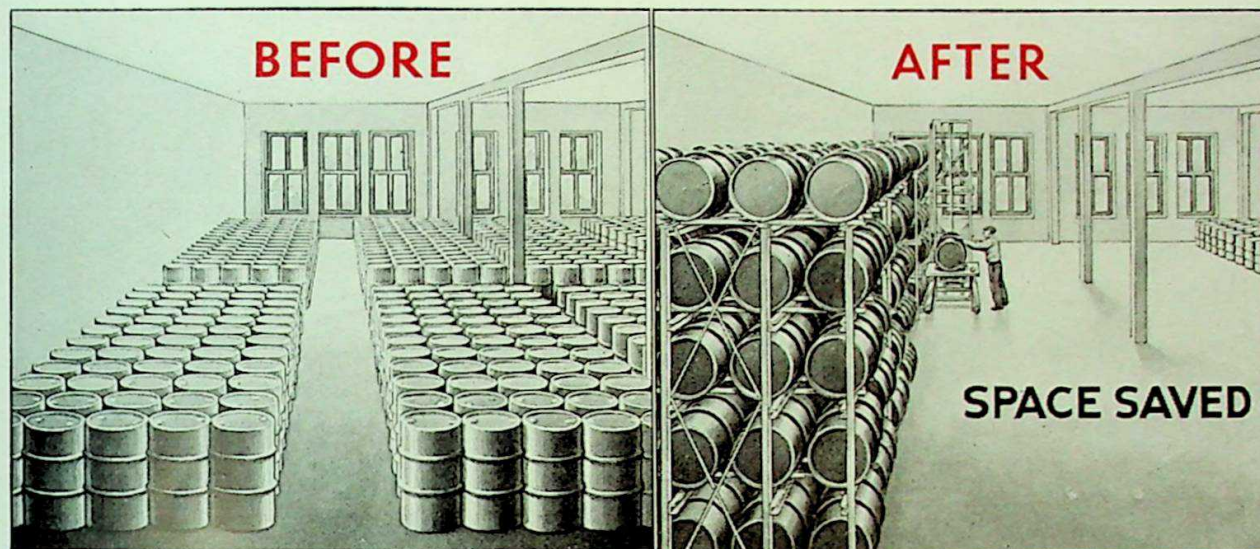
Before you build Investigate! See if you cannot avoid having to build by using Barrett Storage Rack Systems. With Barrett Storage Racks, you store right up to the ceiling without increased handling time or costs—there is no hand piling or re-handling.

Storage is not solely a matter of allotting space for stocking materials. It is a specialized phase of modern business which must be recognized as such by every executive entrusted with the problem of maintaining peak efficiency and maximum profits.

For the same reasons that home builders acknowledge the importance of an architect's services, successful enterprises are turning to Barrett Storage experts as a guarantee against excessive handling and storage costs. The results tell an eye-opening story. Even in plants with so-called "efficient" storage methods, Barrett Engineers have ferretted out the "bugs" and instituted improvements effecting from 200 to 600% expansion in storage facilities and 25 to 65% reduction in handling costs. And, mind you, these advantages are invariably accomplished without structural changes in buildings, without shut-downs.



BARRETT BARREL AND DRUM RACKS



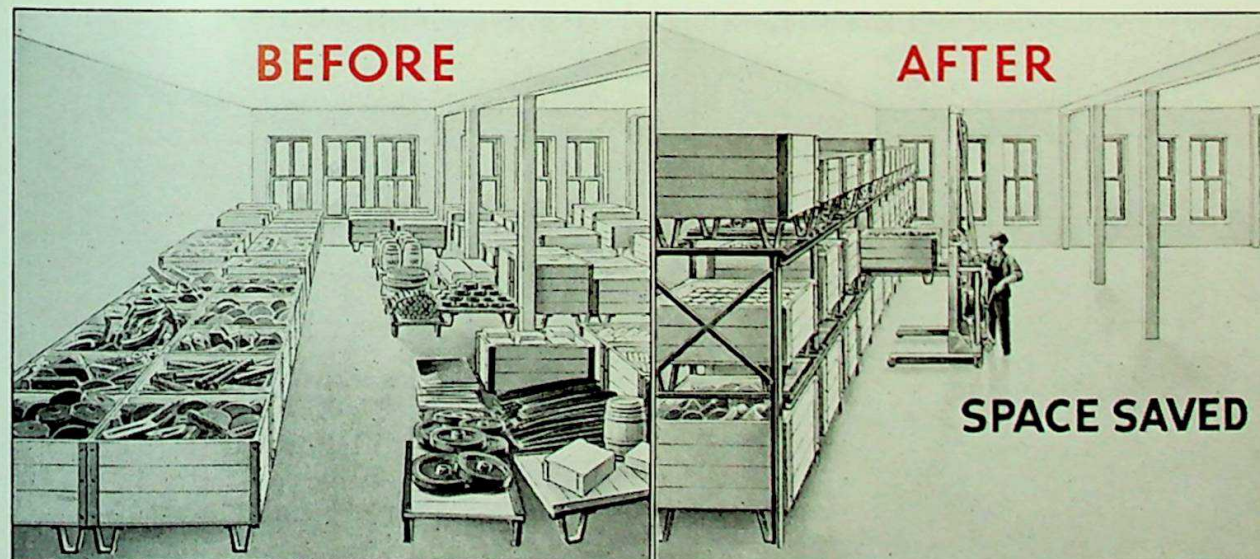
663E

If you have to store barrels or drums Barrett Barrel and Drum Racks are the modern economical way to secure additional space without having to build. They give you a more convenient and practical way to store drums and barrels. Old stock is never buried. Overhead space is utilized to the ceiling. Leaky containers are easily spotted and grades are properly separated.

Barrett Storage Racks permit maximum use of your plant's

cubic footage. This is space you pay for whether you use it or not. YOUR STORAGE FACILITIES CAN BE INCREASED 200% TO 600%. At the same time you will REDUCE YOUR HANDLING COSTS 25% to 60%. The Barrett System is a neat, orderly system of storing drums and barrels by utilizing all overhead space. Containers are more easily accessible—are readily inventoried—and old stock always moved first. USUALLY YOU CAN AVOID THE NEED OF A COSTLY NEW BUILDING.

BARRETT SKID RACKS



664E

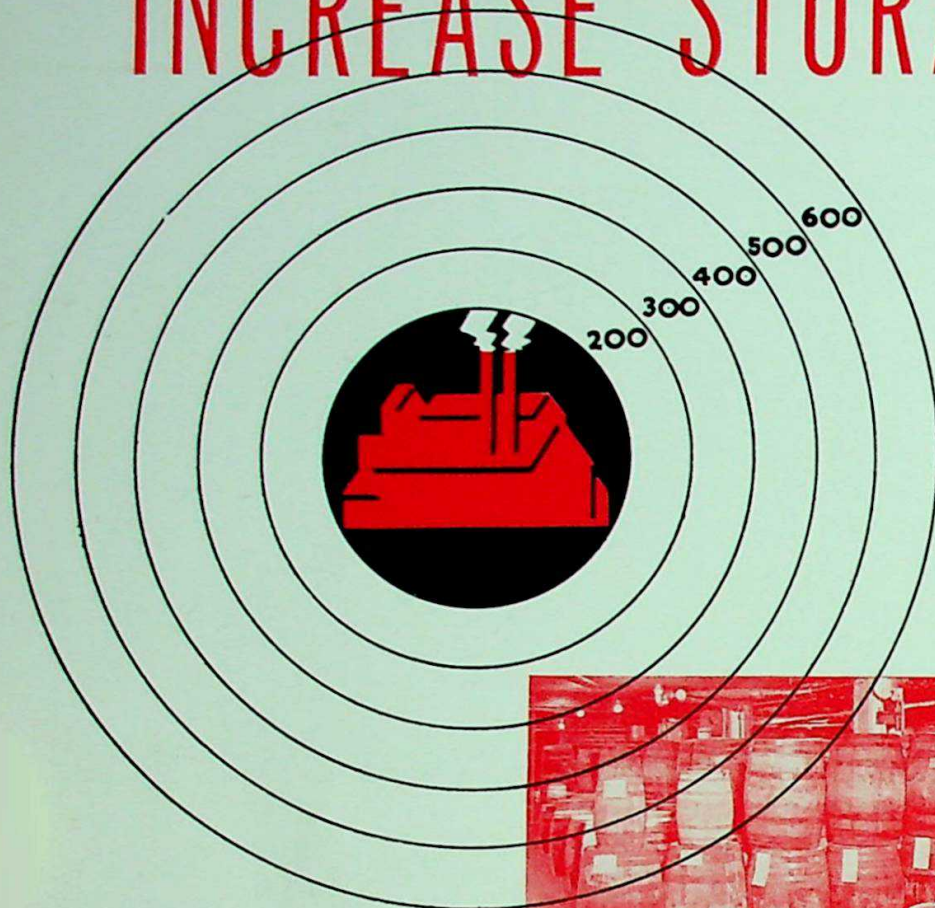
You can save space—frequently avoid having to build a new building—by storing skids in Barrett Skid Racks with a Barrett Portable Elevator. Your skids can be piled ceiling high—and the space saved used for additional machine operations or for more storage room.

Why build to secure additional space to meet today's abnormal demand when you are almost sure not to need that space later on? New buildings cost a lot of money. With Barrett Skid Racks you can put to better use the space you now have—at a great saving.

INCREASE STORAGE FACILITIES

200 to 600%

Merely by Adopting **BARRETT RACKS**



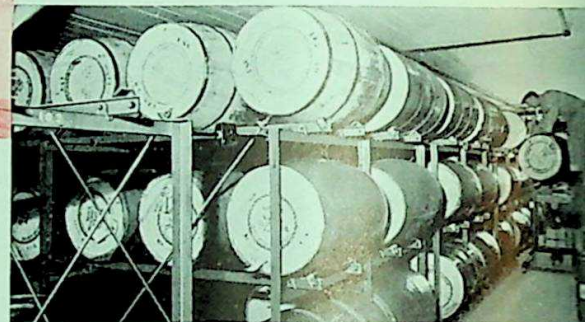
THE OLD WAY →

In this example of "Hit or Miss" storage methods, 3000 valuable cubic feet of space have been overlooked. But they still command rent—still must be heated, lighted and maintained.



THE BARRETT WAY →

A neat, orderly system of storing drums and barrels which utilizes all overhead space and thus, increases storage capacity. Containers are more accessible—readily inventoried and old stock is always moved first.



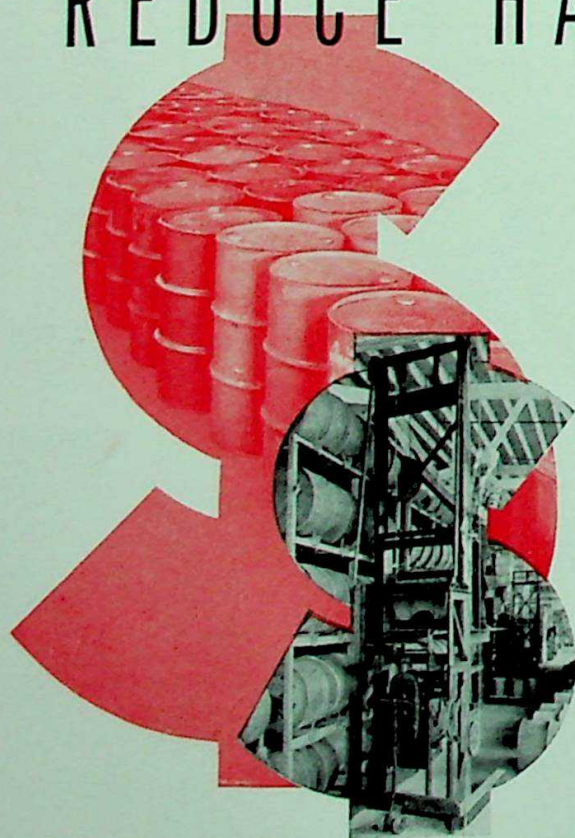
REDUCE HANDLING COSTS

25 to 65%

Storage is not solely a matter of allotting space for stocking materials. It is a specialized phase of modern business which must be recognized as such by every executive entrusted with the problem of maintaining peak efficiency and maximum profits.

For the same reasons that home builders acknowledge the importance of an architect's services, successful enterprises are turning to Barrett Storage experts as a guarantee against excessive handling and storage costs. The results tell an eye-opening story. Even in plants with so-called "efficient" storage methods, Barrett Engineers have ferretted out the "bugs" and instituted improvements effecting from 200 to 600% expansion in storage facilities and 25 to 65% reduction in handling costs. And, mind you, these advantages are invariably accomplished without structural changes in buildings, without shut-downs.

Regardless of the size or nature of your business, Barrett Storage Service can be profitably applied to your plant.



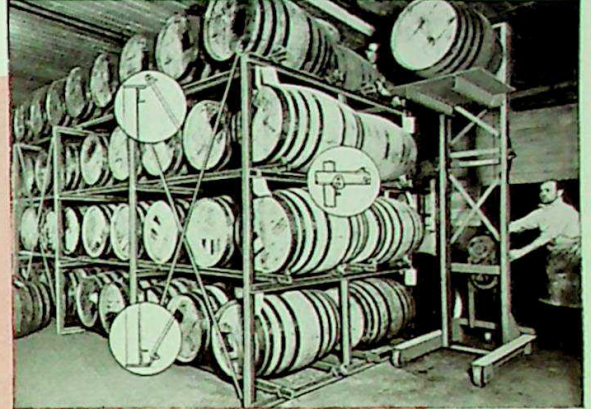
SOME BEFORE & AFTER EXAMPLES



Picture the excessive handling costs encountered here when drums from the bottom tier are scheduled for use or shipment. The labor hazard present in this type of handling is obvious.

442E

This is how the warehouse looked after it was Barretized. Fresh stock is loaded in at the front end and old stock removed at the other end. Efficiency at its best.



In this plant, "random" storage methods wasted 4000 cubic feet of usable space and trebled handling costs. Wasteful waste at its worst.

431E

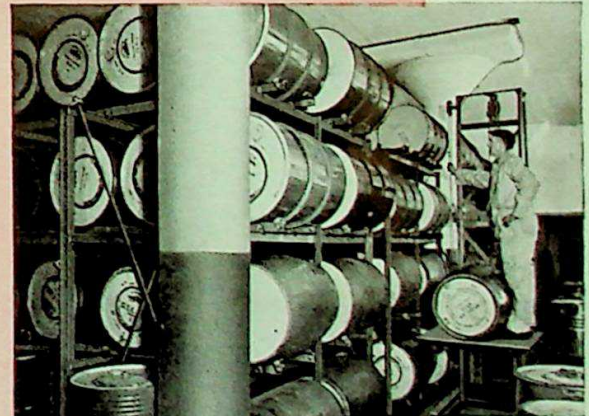
The same space converted by Barrett Engineers into a compact, economical and efficient storage room. All overhead space has been utilized—handling reduced to the minimum—capacity quadrupled—fire hazards abolished—general appearance greatly improved.



A minimum of six drums have to be handled before one against the wall can be reached. This wasteful handling cost is entirely eliminated when the Barrett Rack system is installed—as shown on the right.

668E

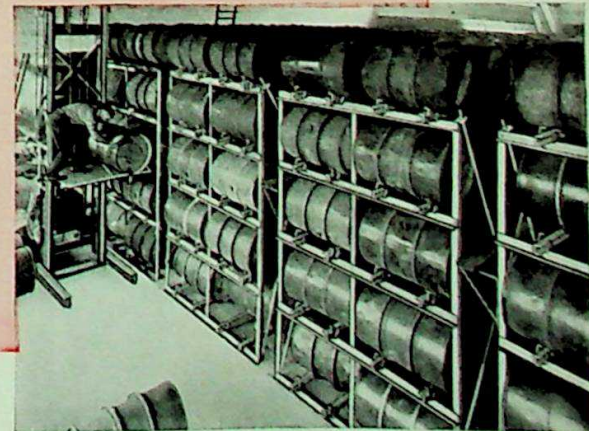
Barrett racks once again show how all space from floor to ceiling can be used effectively, economically and with ease and dispatch. Contrast this orderly arrangement with the inefficient method pictured on the left.



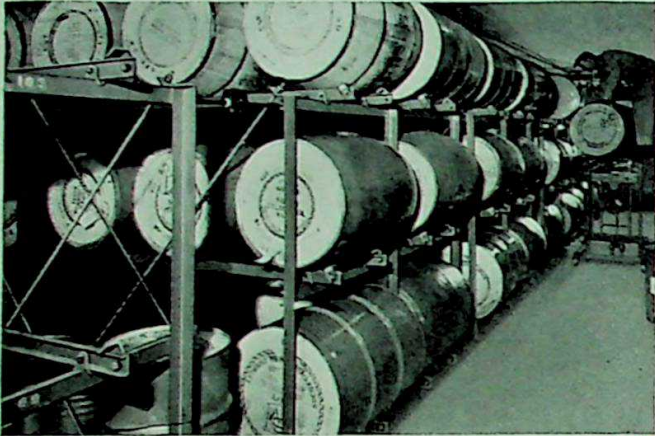
Another example of inefficient storage methods which entail excessive handling, waste space, and a disorderly warehouse. Note the improvement on the right after Barrett Engineers reorganized the storage system.

655E

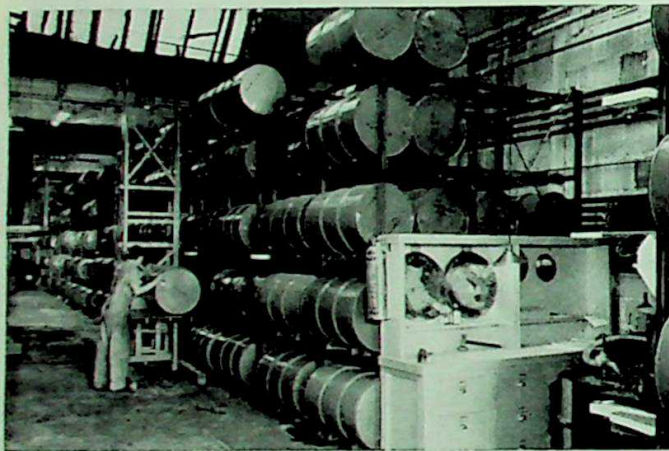
Every barrel in its place and a place for every barrel. Larger stocks are handled in smaller area once Barrett Engineers lay out a storage plan. Handling costs are greatly reduced, too.



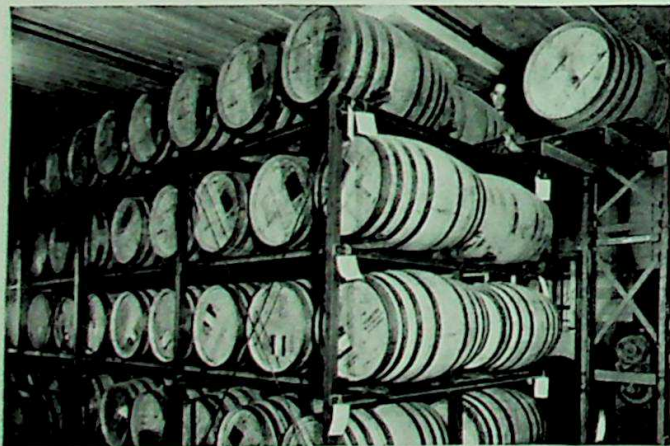
HORIZONTAL TYPE BARREL RACKS



667E



669E



442E

Barrett Storage Racks are engineered to withstand amazing loads in stresses. Yet they are comparatively light in weight—a highly desirable "strength-without-weight" feature that permits easier assemblage and moving as well as a generally neater appearance.

Are you capitalizing on your "air-rights", using all available storage space right up to the ceiling? If not, you aren't getting the maximum return on your plant investment.

GREATER CAPACITY

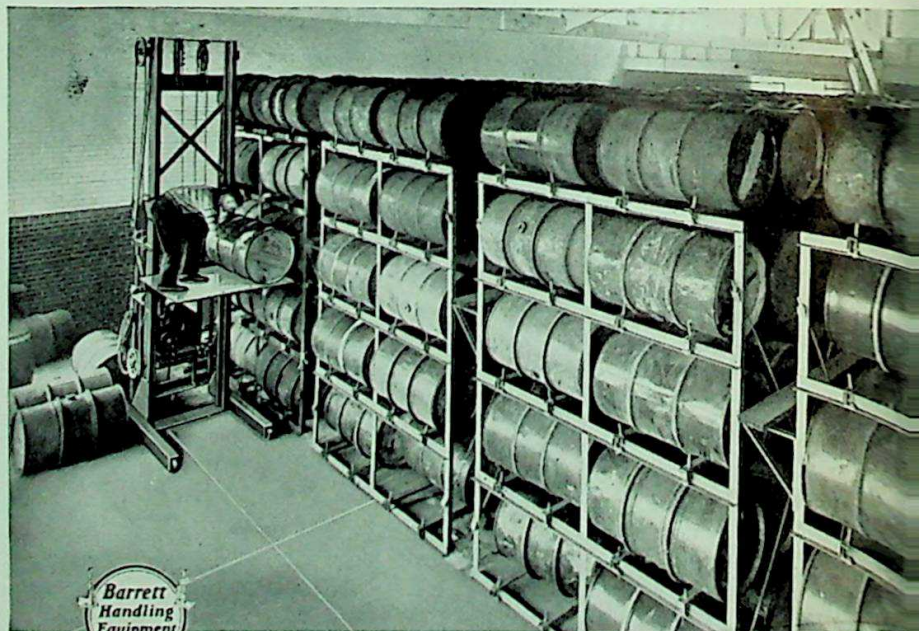
Barrett-Cravens has pioneered the ceiling high idea of storage in order that industry might offset the mounting cost of space. Barrels or Drums are stored in a HORIZONTAL position in Barrett Racks—ceiling high. Barrett Racks combined with a Barrett Portable Elevator have altered the conception of efficient storage to a point that it virtually costs money not to adopt this system.

AIDS WORKMEN

Aside from its apparent advantages, this Barrett System of Horizontal Barrel Storage improves the morale of employees, the appearance of stocks and puts added "snap and go" into the work-a-day life of the entire plant.

KEEPS STOCK

FRESH by loading new stock into one end of the racks and taking the old stock out of the other ends, your stock remains fresh at all times. There is no chance for rancid, old or spoiled stocks to accumulate. For complete details with regard to sizes and features of Barrett Racks for Horizontal Storage we refer you to pages 84 & 85. Notice that they are built in sectional units that permit expansion as needed and are easily adapted to the various types of storage containers.



BARREL VERTICAL RACKS

Just as Barrett Engineering ingenuity has solved the perplexing problems of stocking sealed containers horizontally, so too has it eliminated the excessive time, money, and labor formerly involved in storing open-end containers vertically. Here again, Barrett enables plants handling solid commodities the myriad advantages of ceiling-high storage . . . advantages which are understandably more pronounced in this field than in the case of sealed barrels and drums.

NO ROLLING Those experienced in handling open-end stock will see in the accompanying illustrations, evidences of economy, convenience and efficiency. They will recognize its permanence . . . its strength-without-weight-or-bulk . . . its safety . . . its sturdiness and rigidity . . . its neatness . . . its compactness . . . its movability, groupability and adjustability.

NO SPILLING Vertical Type Racks are made 2 to 4 barrels high, 1 to 2 barrels wide and in any length needed to care for the number of barrels normally inventoried. Like all other Barrett Racks, the vertical type is shipped "knocked-down" with easily followed blue prints. Assembly requires nothing but a wrench and a few hours effort on the part of your own employees. This type is also built in sectional units allowing additions or re-grouping as storage requirements dictate. To complete this superior method of materials handling, Barrett has a Portable Elevator which enables one man to move containers in or out of the rack. When brought to the floor, drums are quickly and easily transported to their destinations on the Barrett Barrel Trucks described and illustrated on pages 156 & 157.

FREE SURVEY Logically Barrett-Cravens Company is anxious to help you make such a survey of your plant regardless of your final decision. An engineering appointment will be made for you with the Barrett representative nearest you and this in no sense will place you under obligation. He will give you the facts as related to your plant. If they do not indicate a definite and tempting savings you will not be urged to invest.

348E



339E

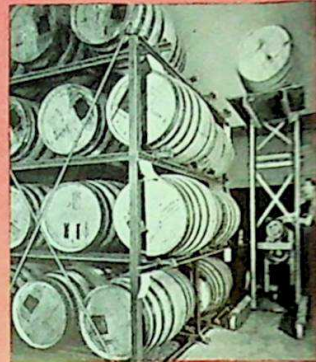


700E



COMPARE

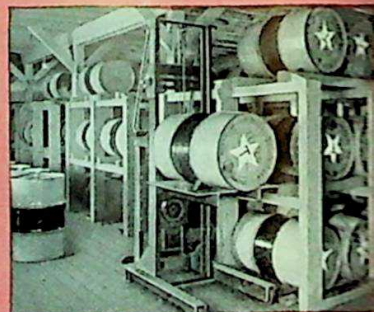
STEEL WINS ON EVERY COUNT



Superfluous words, these. For obvious reasons there is no comparison between steel and wood insofar as storage racks are concerned. Nevertheless, read the accompanying facts and consider how great the difference really is.

STEEL

- Takes up less space
- More durable
- Fireproof
- Less expensive originally as well as in the long run
- Strength without bulk or excessive weight
- More flexible—more easily moved
- Practically indestructible
- Safer
- More easily expanded because built sectionally
- Allows greater visibility
- Provides greater storage capacity
- Neater in appearance
- Attracts less dirt, germs and vermin



WOOD

- Requires excessive space
- Short-lived
- Combustible
- More costly
- Heavier in weight
- More difficult to move
- Unightly
- Unsafe when weakened by time and use
- More easily damaged and marred
- Attracts dirt, germs and vermin
- Increases insurance rates



A BIG "LITTLE" FEATURE

One of the important features which account for the unusual rigidity and durability of Barrett Racks is this method of tie-rod anchoring. By extending tie-rods from the extreme top to the extreme bottom without weakening the vertical uprights with punched holes, 100% bracing is assured.

COMPACT

Wood has its place but not in the storage facilities of modern, thrifty industries. Aside from its natural hazards it permits little flexibility in size and arrangement of racks; short-comings which often mean that large compartments must be used to store small units. In hundreds of stock rooms this one disadvantage robs over 50% of their cubic storage capacities.

What a difference with steel. Built sectionally, Barrett Storage Racks represent the ultimate in flexibility, compactness, and convenience. When a plant is once BARRETT-ized the very nature of the business therein can change without its storage equipment becoming obsolete.

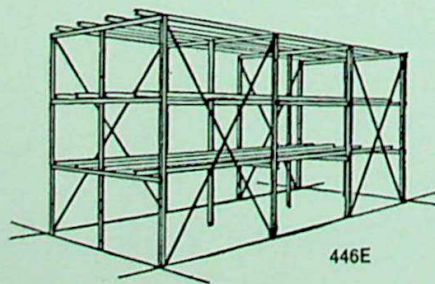
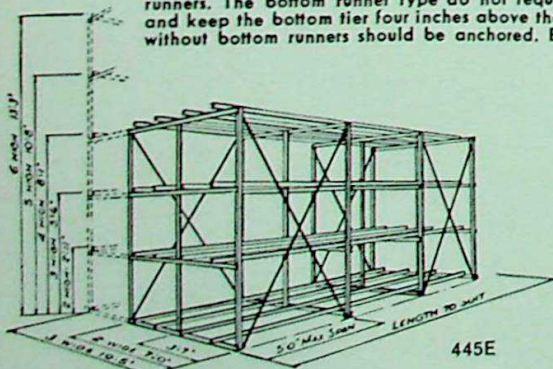
Only the best structural steel is used. Further, they are constructed with or without bottom rails which permits storing the first tier on runners or directly on the floor.

Likewise all Barrett Barrel and Drum Racks are equipped with feet on the uprights thus assuring solid footing and permitting, if desired, the lagging of racks to the floor. Racks four barrels or more high have "cat-walk" brackets as standard equipment. The panels or frames are all-welded, without any punched holes in them to weaken their structure. The only bolts used are those holding the barrel runners or rails into place—as shown on the following page. Finished in black lacquer, and shipped with assembly blue prints.

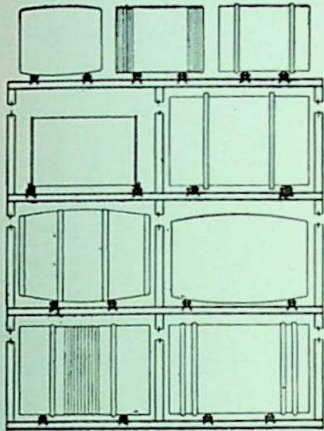
TWO STANDARD DESIGNS

Here are illustrated Barrett Racks with or without bottom runners. The bottom runner type do not require anchoring and keep the bottom tier four inches above the floor. Racks without bottom runners should be anchored. Bottom tier of

barrels are stored directly on the floor. This latter type is recommended only when overhead space is so limited that the saving of four or five inches is a factor in additional storage. Specifications are standard but can be varied to suit any existing need.



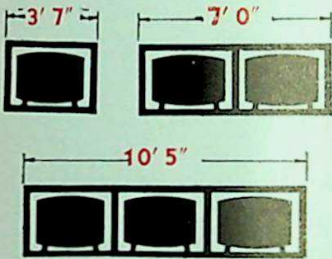
ADJUSTABLE RUNNERS



622E

Barrett Barrel Racks are easily adjusted to your individual requirements regardless of the contour of the barrels or drums you handle. By simply shifting the barrel runners in or out, as indicated in the drawing above, any type of container may be stored in the proper place and manner best suited for easy accessibility and protection.

Besides indicating the desirable location of runners for the common types of drums, the illustration further demonstrates an exclusive adaptability that permits any and all types and sizes to be stored in the same rack—from the small five gallon kegs to the large fifty gallon drums. This is a patented Barrett feature.



Barrett Racks are usually made one, two or three barrels or drums wide. They can be had, however, any number in width to suit any existing storage requirement.

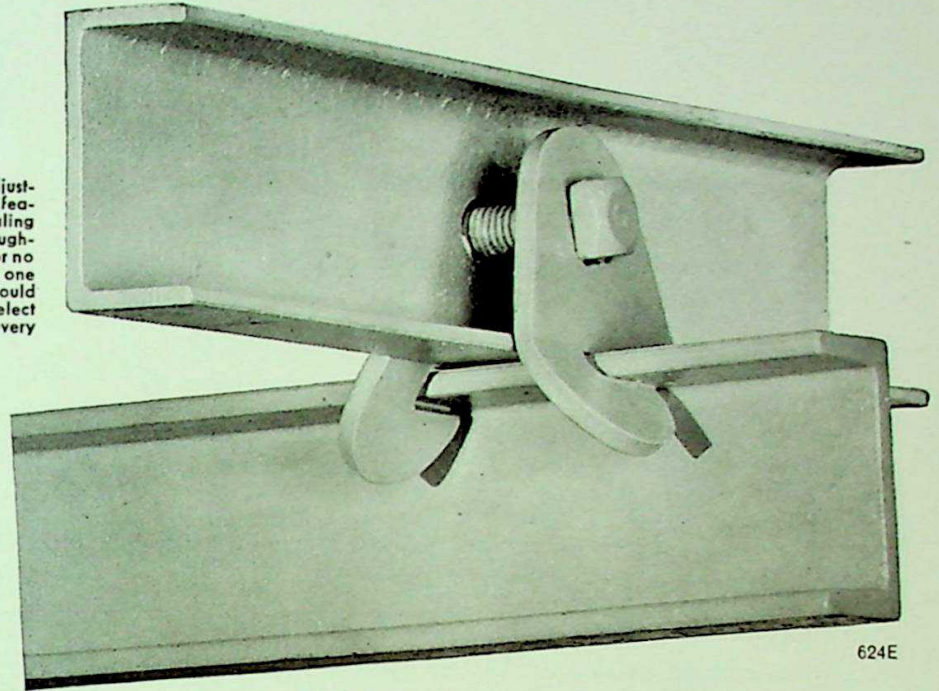
Standard barrel racks are available two, three, four, five, and six barrels high and as many barrels long as space permits. Barrett Racks are made to fit the space in the particular needs of the customer, and quite frequently as long as 50 barrels. Rack may, however, be made in units of 4, 8 or 12 barrels—so that entry from one end and exit from the other end can be had without tying up too many barrels.



671E

This Barrett Adjustable Runner Clip feature is now revealing its true worth throughout industry. If for no other reason, this one worthy feature should counsel you to select Barrett Racks for every storage need.

No Extra Cost.



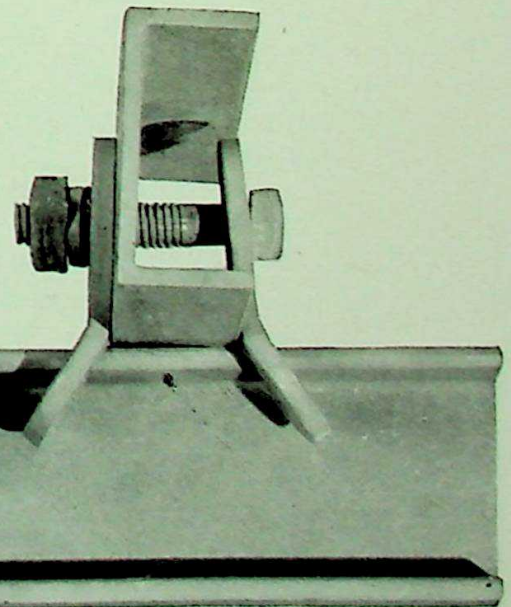
624E

EASILY ADJUSTED Adjusting Barrett Storage Racks requires nothing but a pair of pliers, there are no holes to punch—nothing to dismantle. The Barrel runners on Barrett Racks, through the use of *patented* and *exclusive* locking clips, are quickly and easily adjusted to the requirements of the various types of barrels, drums, and kegs. Because of the importance of this feature Barrett-Cravens will gladly send a small actual size section of rack, embracing this clip, for inspection. It marks the difference between superior and ordinary rack construction, between simple and laborious methods of adjustment or no adjustment at all. Every prospective storage rack purchaser should familiarize himself with its advantages. See illustration. Then, send for an actual sample.

EASILY EXPANDED All Barrett Storage Racks are shipped "knocked-down" and accompanied by assembly blue prints which enable any workman to set them up quickly, properly, and economically. Coming in sectional units as they do the storage facilities of any plant may be increased, re-arranged, or dismantled and moved according to the dictates of existing conditions.

EXCLUSIVE RUNNER CLIPS

This new, *patented* Barrett clip permitting instantaneous adjustment of barrel runners has been conceded the most noteworthy development in drum and barrel rack design within recent years. In addition to its obvious advantages—simplicity of adjustment and utility—it does away with the need of punching holes in cross members and therefore retains maximum strength and rigidity throughout the entire assembly. Moreover, it simplifies the addition of extra runners whenever a need, such as stacking five or ten gallon containers, arises. Such additions require no machine work on existing equipment—merely a wrench and a handy man. Adjustability at the runners aids in avoiding drum ribs and causes drums and barrels to roll STRAIGHT.



625E

SELECTIVE TYPE

DRAIN RACKS

● Modern business must agree to be alert, efficient and eager to adopt new methods so as to reduce handling costs. Our whole civilization must look for—demand—quicker and less expensive ways of doing things. Otherwise, the answer is . . . DEFEAT.

For years the Barrett-Cravens Company has concentrated its efforts in that direction. For example, in designing the Selective Type Drain Racks illustrated below, Barrett Engineers have played an active part in helping this fast-moving world move even faster.

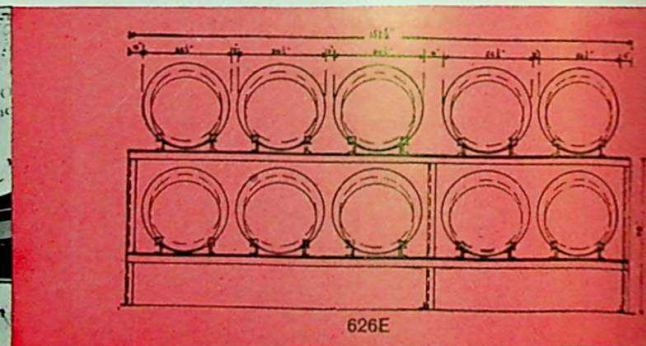
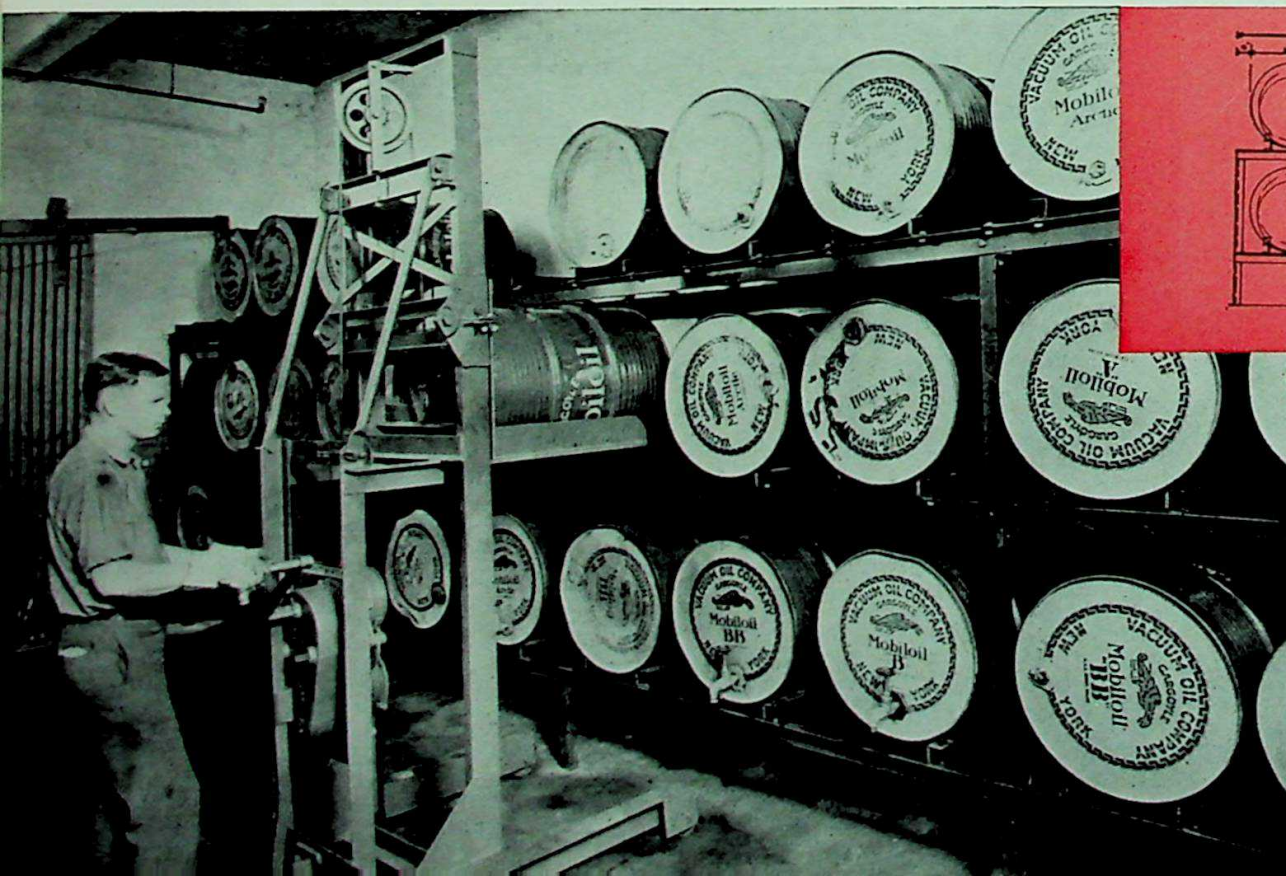
This particular installation is housed in a plant where drums containing numerous grades of oil must be easily accessible for removal, draining or from which small quantities can be quickly drawn from time to time. One can readily understand how diversified storage requirements such as these become really complex problems when space is at a premium, when the time, labor and cost of storage affects profit margins and where tidiness must be maintained for the sake of prestige and sales.

But if everything were disregarded except convenience, Barrett Drain Racks would still deserve the consideration of all who handle liquid containers. This specially designed rack bars any possibility of the drums rolling out of place and therefore, keeps them properly spotted with taps always in the correct position for complete drainage.

The removal or placing of drums in the rack is the simple, one-man-job illustrated. Employing one of the Barrett Hand Operated Selective Type Portable Elevators, particularly suited for the purpose, this man is able to care for the stock efficiently and without hazard to himself or the drums—without need of even touching the drums. The entire operation is automatic.

PREVENT ROLLING . . . PREVENT WASTAGE . . . ASSURE 100% DRAINAGE

354AE

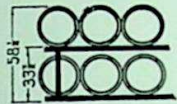


EACH DRUM READY FOR DRAINING

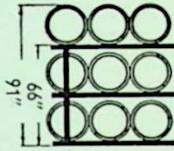
The diagram above showing the front elevations of a Barrett Two-Deck Drain Rack illustrates the structural design and the methods employed to hold each drum securely in position, thus preventing rolling, complications in draining, and finally, assuring 100% drainage. Result—no wastage, no profit leaks, no mess.

HORIZONTAL TYPE

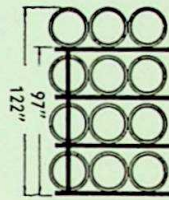
BARREL RACK STANDARDS



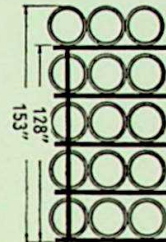
Two High



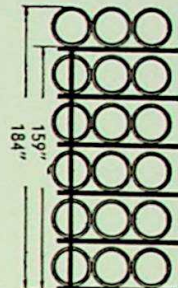
Three High



Four High



Five High



Six High

Standard Barrel Racks, as indicated by the sketches above, are available 1, 2 and 3 barrels wide; 2, 3, 4, 5 and 6 barrels high; and as many barrels long as your space permits. Usually, however, the racks are made 4, 8 and 12 barrels long because such units are easily assembled, will fit in the average storage space best and are suited better for grouping.

DIMENSIONS AND CAPACITIES OF STANDARD BARRETT RACKS

To ascertain the dimensions of any standard Barrel Rack, after determining whether to install one of a definite number of barrels high, wide and long, refer to the dimensions given above for rack height. Next refer to the table below, which will indicate the length, width, and barrel capacity. These dimensions are for racks intended for barrels or drums not to exceed:

36" maximum length

25" maximum diameter.

500-lb. maximum weight.

Racks for other sizes and weights of barrels or drums will be quoted upon request.

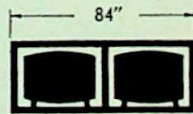
WHEN ORDERING

We always recommend having a Barrett engineer check over Barrel Rack requirements. If, however, it is necessary to exchange correspondence, the following information will prove helpful:

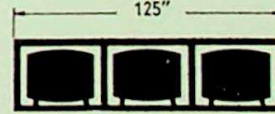
1. Sketch of your present storage space showing floor plan—indicating width of aisles, doorways, post, footing and columns—showing correct dimensions and location of each.
2. Height of lowest overhead obstruction.
3. Correct length, diameter and weight of drums to be stored.



ONE BARREL WIDE



TWO BARRELS WIDE



THREE BARRELS WIDE

GENERAL
DATA
APPROXIMATE

Bar- rels Long	BARRELS HIGH					Bar- rels Long	BARRELS HIGH					Bar- rels Long	BARRELS HIGH					Bar- rels Long	Length in Feet	No. of Panels
	2	3	4	5	6		2	3	4	5	6		2	3	4	5	6			
2	4	6	8	10	12	2	8	12	16	20	24	2	12	18	24	30	36	2	4' 0"	2
3	6	9	12	15	18	3	12	18	24	30	36	3	18	27	36	45	54	3	6' 0"	2
4	8	12	16	20	24	4	16	24	32	40	48	4	24	36	48	60	72	4	8' 0"	3
5	10	15	20	25	30	5	20	30	40	50	60	5	30	45	60	75	90	5	10' 0"	3
6	12	18	24	30	36	6	24	36	48	60	72	6	36	54	72	90	108	6	12' 0"	4
7	14	21	28	35	42	7	28	42	56	70	84	7	42	63	84	105	126	7	14' 0"	4
8	16	24	32	40	48	8	32	48	64	80	96	8	48	72	96	120	144	8	16' 0"	4
9	18	27	36	45	54	9	36	54	72	90	108	9	54	81	108	135	162	9	19' 0"	5
10	20	30	40	50	60	10	40	60	80	100	120	10	60	90	120	150	180	10	21' 0"	5
11	22	33	44	55	66	11	44	66	88	110	132	11	66	99	132	165	198	11	23' 0"	6
12	24	36	48	60	72	12	48	72	96	120	144	12	72	108	144	180	216	12	25' 0"	6
13	26	39	52	65	78	13	52	78	104	130	156	13	78	116	156	195	234	13	27' 0"	7

NOTE: Rack height 4'. Less when no bottom runners are used.

SKID STORAGE RACK SYSTEMS

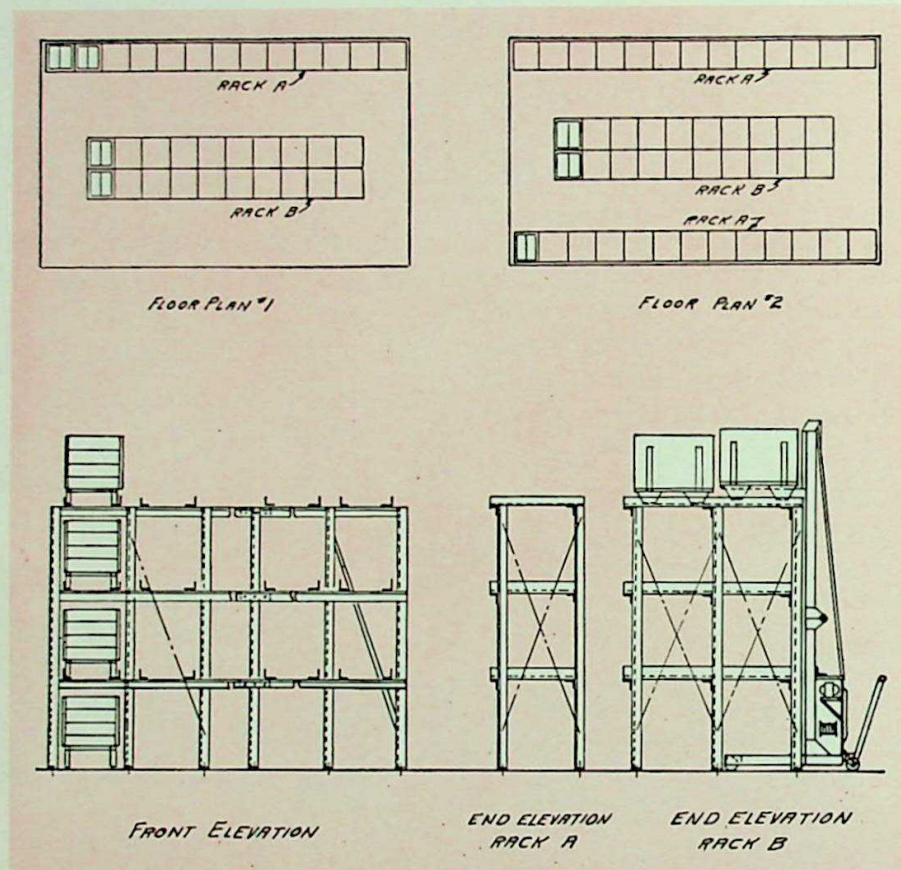


Fig. 682E

Not all loaded Lift-truck skids are in daily use. Many are loaded with stock intended solely for storage purposes. These loaded skids take up a vast area of valuable floor space. To utilize that space for more productive purposes, we urge the installation of a Barrett Skid Rack. This will enable you to store skids ceiling high and yet have each skid instantly available.

Barrett Skid Racks are a sectional type rack. They can be added to in any number of units from time to time to take care of increasing inventories.

Made two, three and more skids high by one or two

skids deep—they can be had in any length to suit whatever floor area is available for such purposes or to accommodate a pre-determined number of skids for a given department or area.

The drawing above suggests only one of a number of floor plans available. Suppose you let a Barrett Engineer suggest others—there is no obligation and it may save the cost of a new building or renting additional floor space.

The pictures of installations on the opposite page suggest only a few of the possibilities offered by this new and practical system of decking loaded lift-truck skids.

SKID RACKS

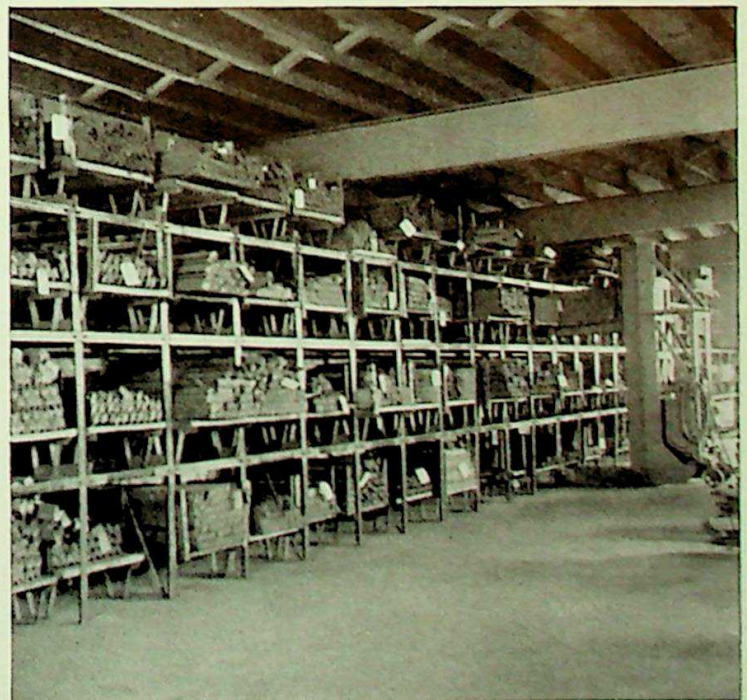


The two installations pictured here clearly illustrate how Barrett skid racks conserve warehouse or storage space and yet, have available for instant use, all materials. No other system is as efficient or flexible. Store materials and equipment ceiling high. Utilize all overhead space and thus make available for productive purposes, additional floor space. Store slow moving stock systematically, and yet have everything instantly available without costly handling. Do not bury materials by "heap" piling. Eliminate breakage.

All of these savings are possible with Barrett Skid Racks. Made sectionally, these racks can conform themselves to any floor layout—complex or otherwise. They can be easily moved from one location to another—as it is not essential that they be lagged to the floor or "tied" to the ceiling.

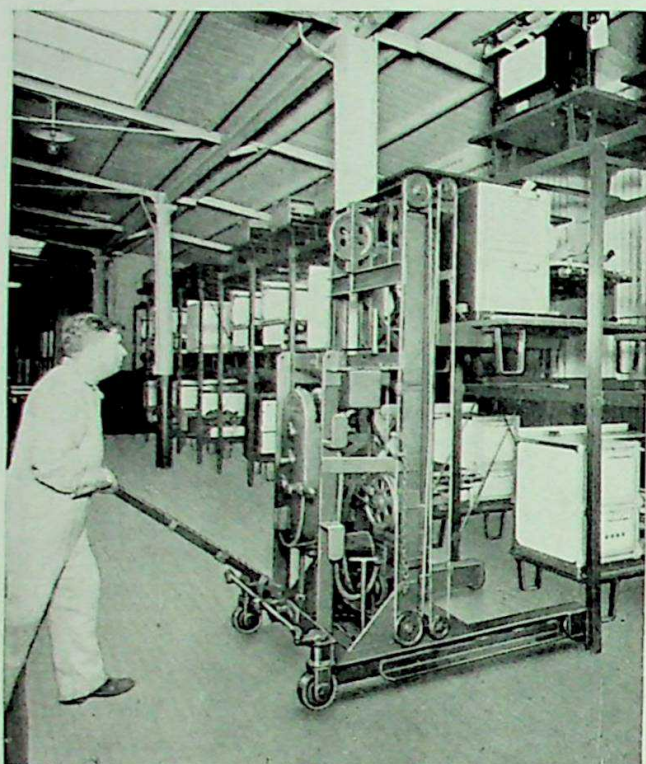
To save time and space, investigate the adaptability of Barrett Skid Racks to your conditions. The Barrett representative will gladly assist—and without obligation on your part.

631E. A large motor manufacturer brought order out of chaos in his stockroom with the Barrett system. A place for every motor and every motor in its place.



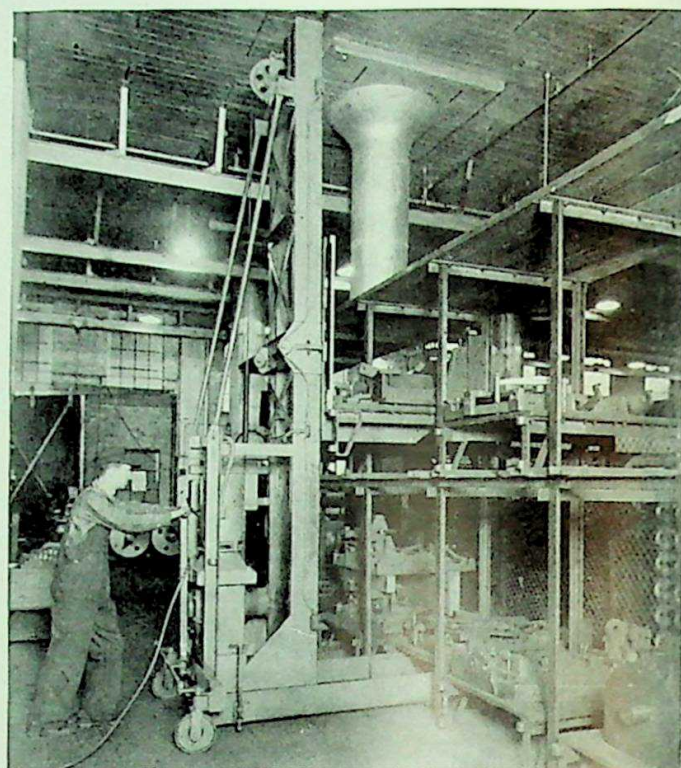
632E. Structural steel in varying lengths is economically stored in Barrett Skid Racks this way. Picture, if you can, the saving in floor space effected here.

SECURE ADDITIONAL SPACE WITH BARRETT SKID RACKS



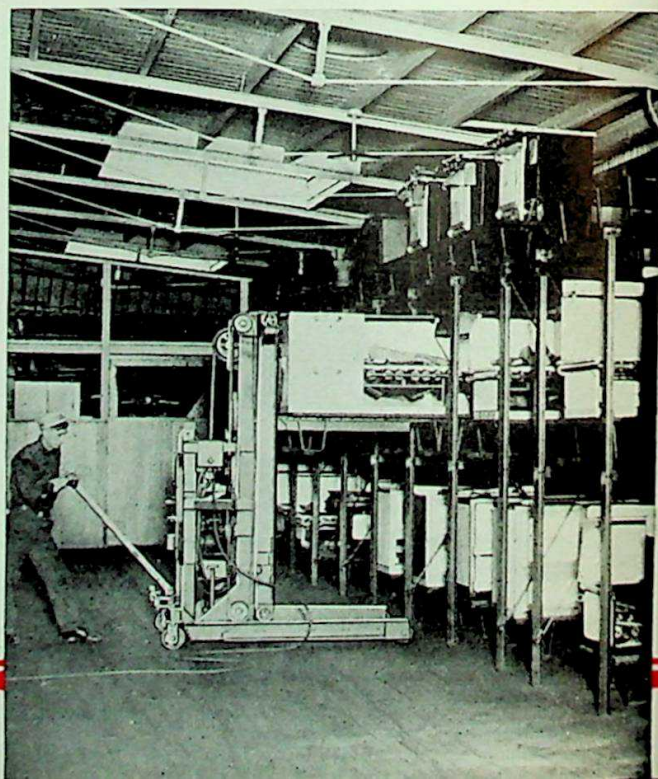
342E. RACKS FOR LIFT-TRUCK PLATFORMS. Uncrated gas ranges are placed on Barrett Steeleg Platforms and then placed in the Barrett Rack with a Barrett Elevator where they remain in storage until ordered out.

345E. CASTINGS STORED IN A MINIMUM OF SPACE. The W. A. Jones Foundry & Machine Company of Chicago, store their stock in Lift-truck Platforms with a Barrett Portable Elevator. The rack is also a Barrett Product.

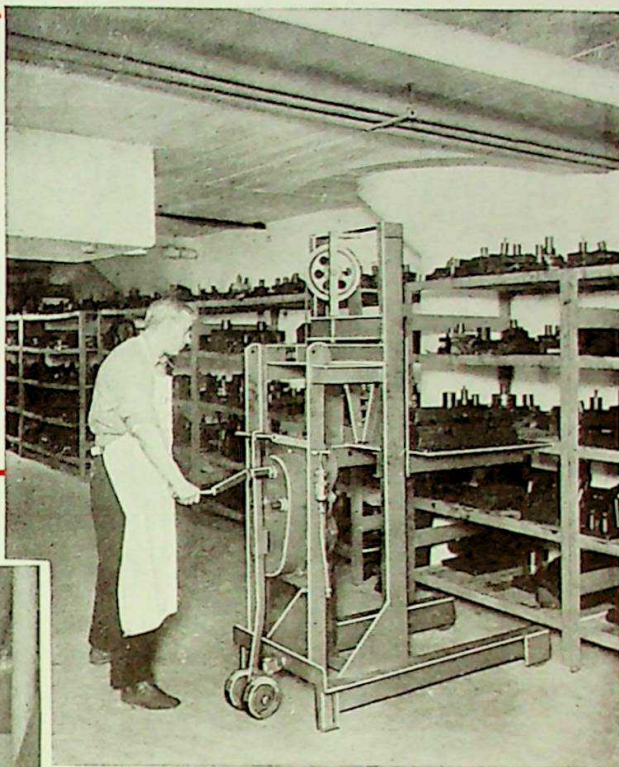


343E. AN ECONOMICAL WAY TO HANDLE AND STORE DIES. This alert manufacturer places sets of dies and jigs on Barrett Lift-truck Platforms. The loaded platform is taken out of the Barrett Rack with a Barrett Elevator and then trucked with a Barrett Lift-truck to the machine requiring the dies. A simple, economical method.

344E. SOME MORE GAS RANGES. Another view taken in the warehouse of the New Orleans Public Service Company, showing gas ranges stored three high in a manner that eliminates damage.



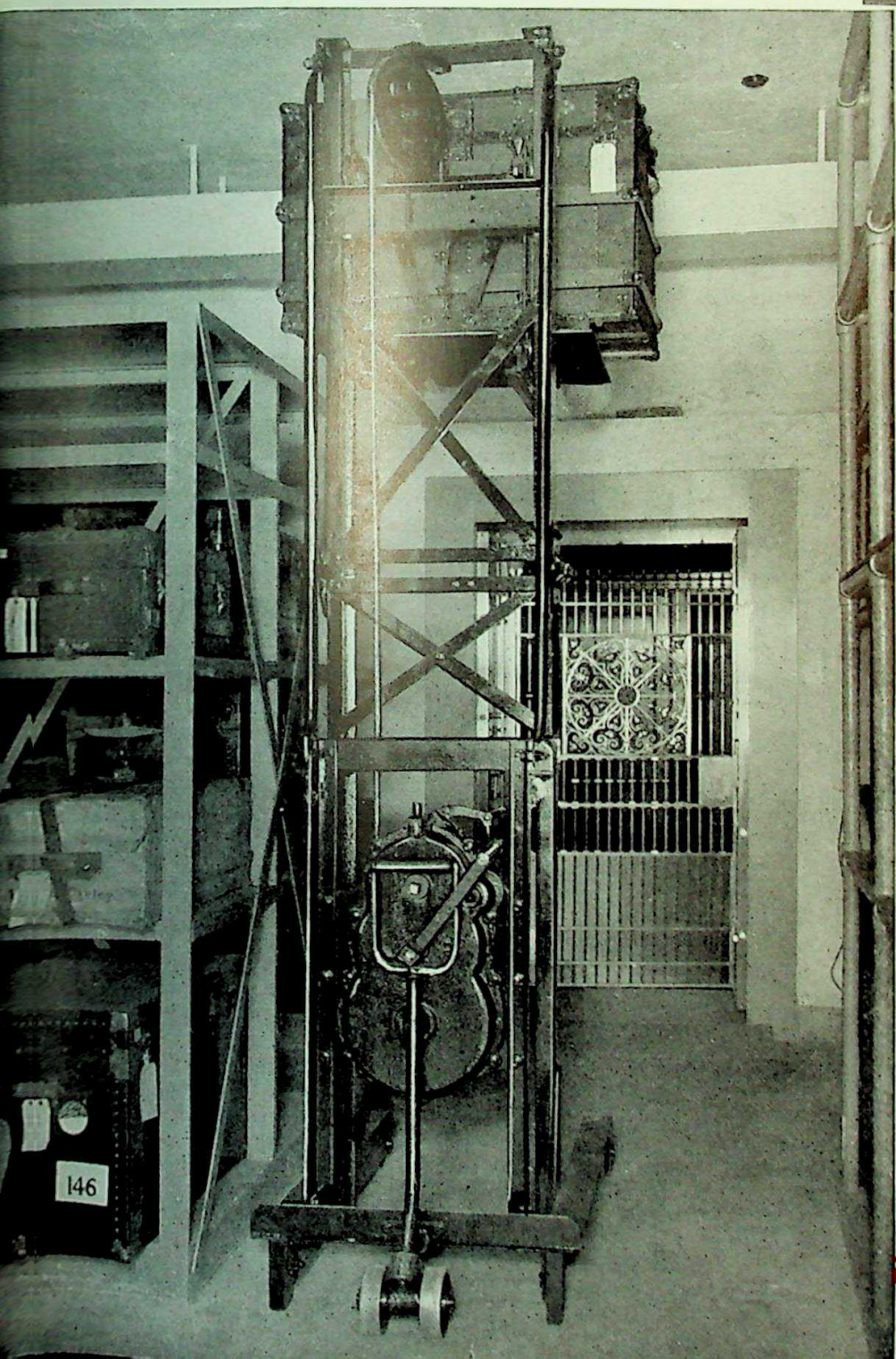
SPECIAL PURPOSE RACKS



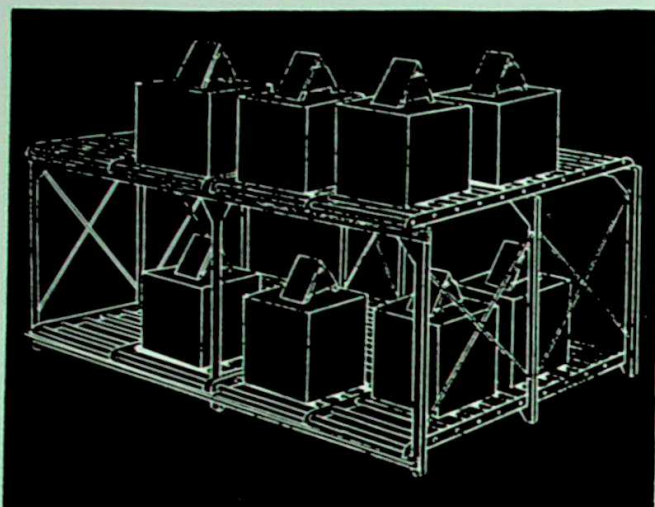
347E

Barrett Engineers know that every industry has its own particular problems. So, Special Purpose Racks are designed. At the left is an illustration of huge bank vault racks for storing cased valuables. The rack above holds small dies in storage. Loom Beam Racks, Die Racks, Keg Racks, Reel Racks, and Carboy Racks are diagramed on the following page. Tool and supply rooms have racks of their own—so do bakers and candy manufacturers. It might be a heavy industry—or it might produce fragile products like pottery. So, regardless of the requirements, there is a rack for every purpose, or one can be designed by Barrett.

672E

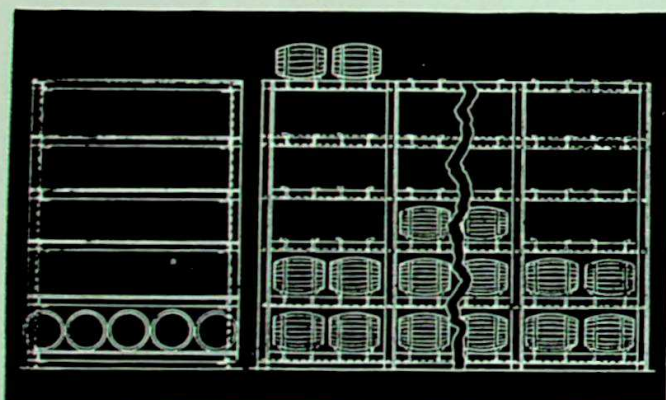


CARBOY RACKS



673E. Because of their hood, everyone experiences difficulty in double decking carboys. Hence, they require a large area of floor space for storage. Eliminate this costly practice in your organization by installing Barrett Carboy Racks. A sketch and price will be submitted on application.

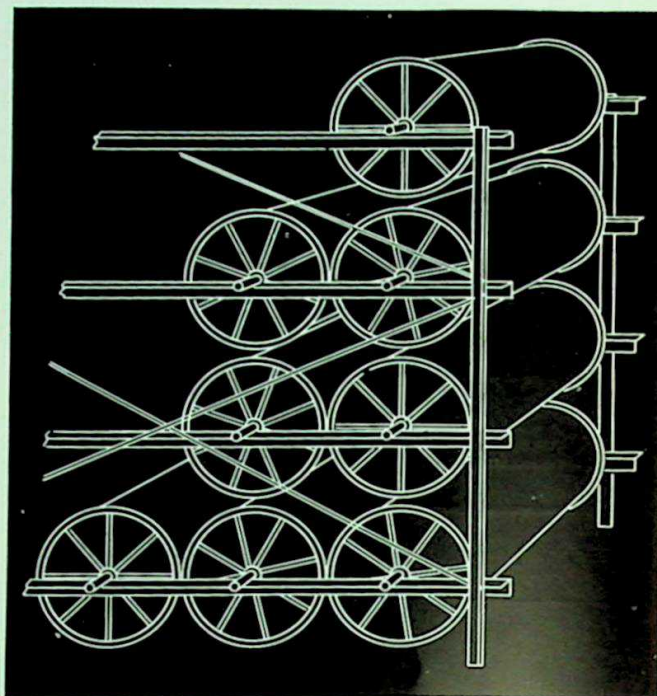
KEG RACKS



353E. Those pesky little kegs of nuts, bolts, nails, washers, etc., can now be stored in a convenient manner so as to permit visual inventory without physical handling. Barrett Keg Racks do the trick. Ask for sketches and prices.

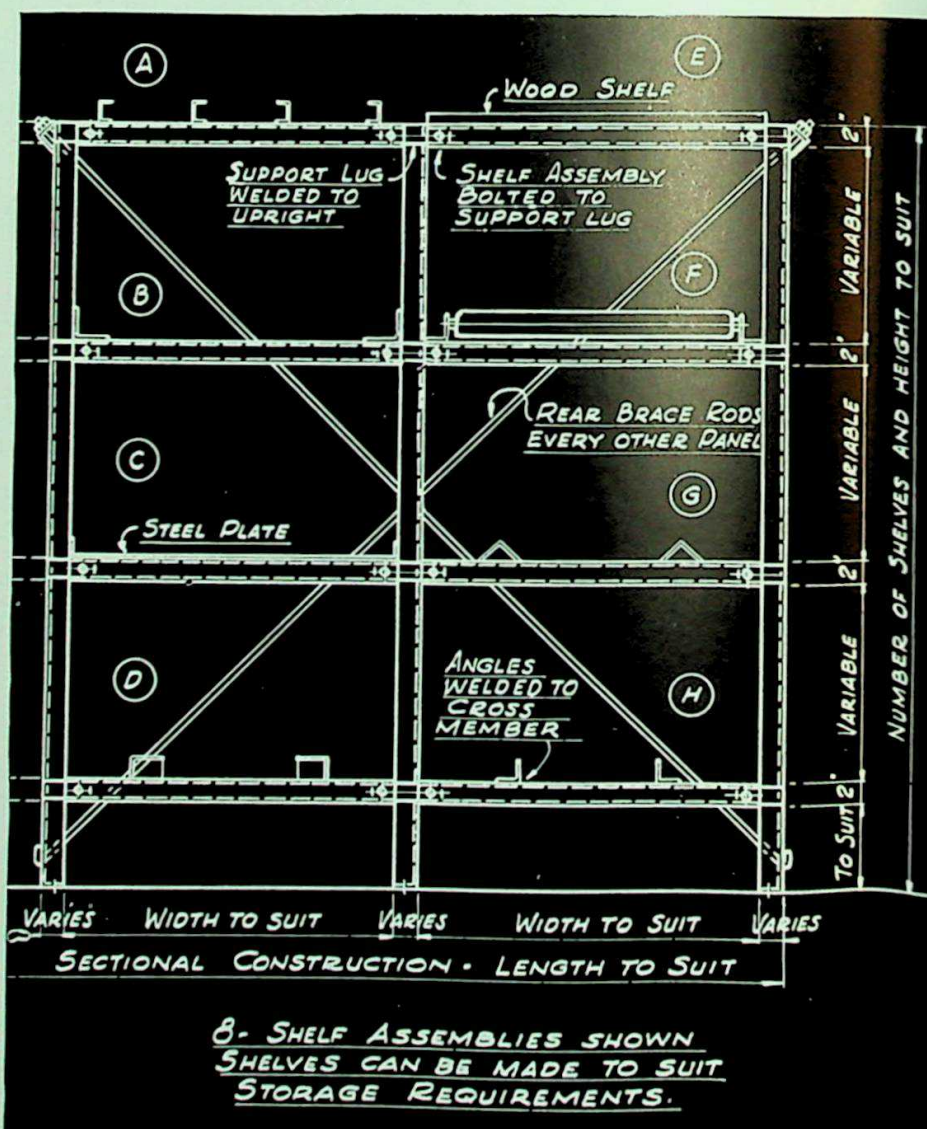
RACK VARIATIONS

674E. The illustration on the right pictures eight shelf variations possible in the new Barrett Sectional Storage Racks. Each one is suited to a specific use and product and all of which a Barrett Engineer will gladly explain when given the opportunity to show you how to save time, space and money through efficient storage.



LOOM BEAM RACKS

350E. The Barrett Loom Beam Rack greatly facilitates storage of these cumbersome loom beams—and offers a great convenience and economy in handling as well. Made to conform to your existing needs. Prices on application.



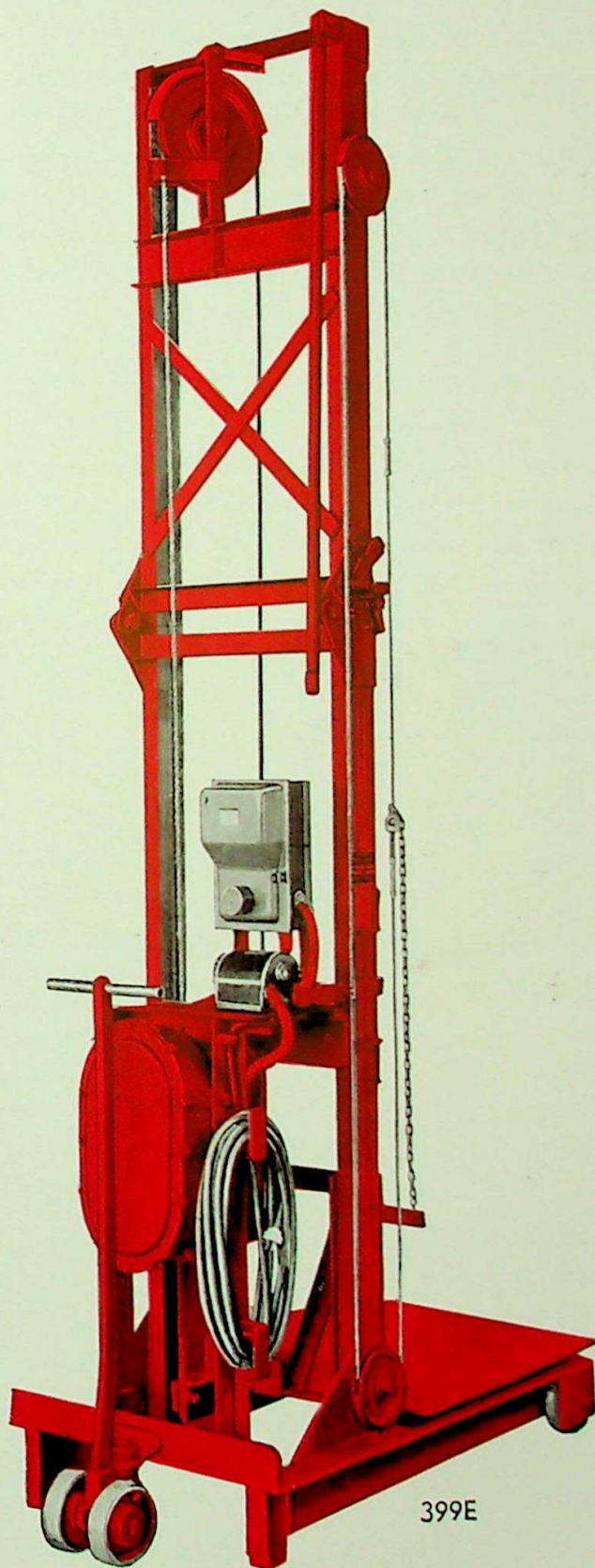
BARRETT PORTABLE & STATIONARY ELEVATORS

HAND AND ELECTRIC TYPES

To pile material "ceiling high"—to take every advantage of that vacant air space between floor and ceiling—makes a tangible reduction in the actual floor space needed. It means less factory or warehouse space—less rent—less fuel—less refrigeration—less illumination—less labor—and less building maintenance. Those items that actually run up the overhead are materially reduced, making the use of a Barrett Portable Elevator an investment that pays its own dividends. In the industrial handling of material these elevators are invaluable—in connection with the Storage Rack System they are indispensable.

In order to meet the general requirements of industry various portable and stationary Elevators are designed and manufactured by Barrett. These designs run from the little Gearless Hand Operated Elevator through the Junior and Senior types of hand operation with capacities of 500 to 5,000 pounds, into electrically operated machines of $\frac{1}{2}$ to 15 horsepower.

These elevators have many types of structure. They may be hinged or telescopic in reaching their lifting heights. Four-Post Elevators — Barrel — Pallet — Crane — Revolving Base — Floor to Floor — Platform and Loading Balcony Elevators are all built to do a certain type of work and to do it exceptionally well. But if these models do not solve your handling problem—the knowledge, skill, and experience of Barrett Engineers will build a Special Purpose Elevator that will do the work demanded of it.



399E

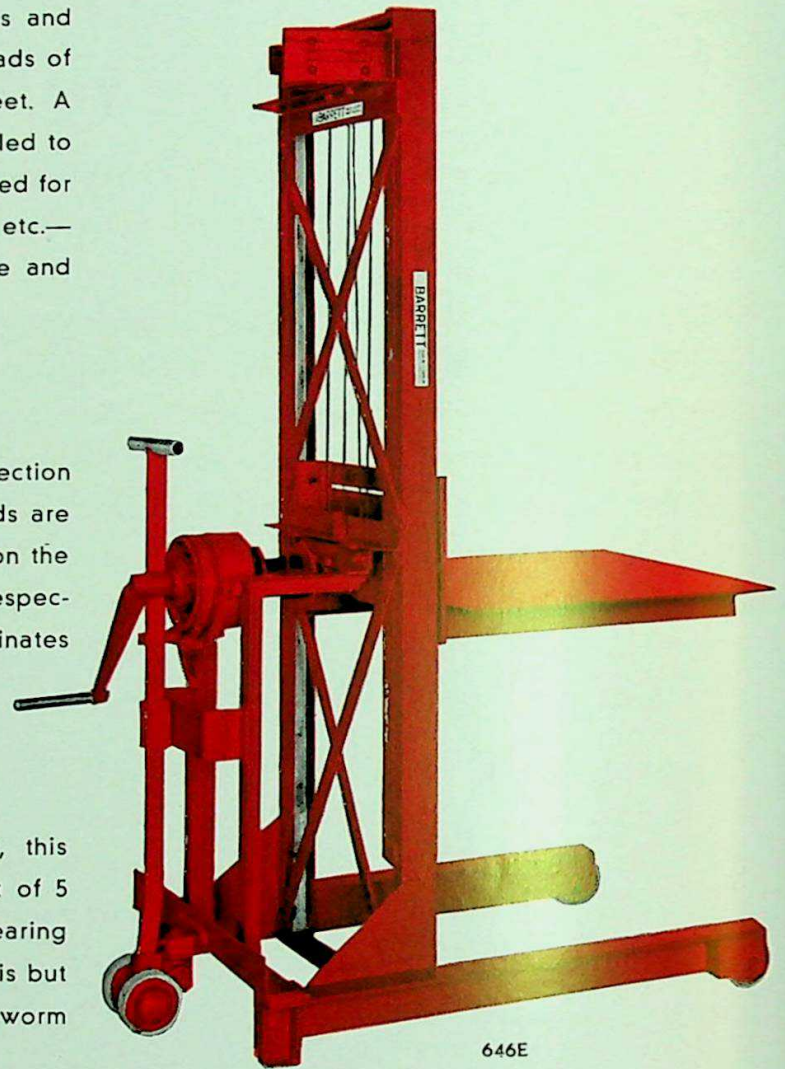
ALL PURPOSE ELEVATOR

HAND OPERATED GEARLESS TYPE — 500 LBS. CAPACITY

APPLICATION—Characterized by its adaptability to numerous and varied tasks, this exceptionally mobile elevator is built for loads of not more than 500 pounds that must be raised from 1 to 5 feet. A platform of 24 inches square limits the base of the loads handled to 30 x 42 inches. This is a "general purpose" elevator ideally suited for the handling of crates, small dies, drums, cases, cartons, sacks, etc.—for loading and unloading automobile trucks and for double and triple decking in the warehouse.

OPERATION—Hand-operated. The crank is turned in one direction for raising platform and reversed for lowering. Capacity loads are easily raised and lowered and can be stopped at any point on the way up or down. This feature makes the All-Purpose Elevator especially suited for handling dies. A self-locking worm gear eliminates all danger of falling load or spinning handle.

CONSTRUCTION—Built in one size only. Small, yet sturdy, this elevator has an overall height of 6 feet and a lifting height of 5 feet. Platform is 24 inches square and base wheels are plain bearing and 5 inches in diameter. Hence, when lowered, the platform is but 5 $\frac{3}{4}$ inches off the floor. All-welded construction. Self-locking worm gear.



646E

SPECIFICATIONS

Capacity	Overall Height	Lifting Height	Platform Size		Base Size			Base Wheel Diameter	Hand Lift in Inches Per Revolution of Lifting Crank
			W	L	W	L	H		
500 Lbs.	6' 0"	5' 0"	24"	24"	24"	38"	5 $\frac{1}{2}$ "	5"	2"



647E. Double decking crated Philco Refrigerators to conserve warehouse space.

A safe, efficient unit that permits one man to do the work normally requiring the efforts of three or four men. With this elevator all overhead space is utilized—storage doubled and trebled—giving extra floor space for more productive purposes.

All shops, factories, warehouses, etc., handling small equipment and merchandise should have at least one of these elevators. Loading or unloading trucks, double or triple decking merchandise—these are operations which normally require two or three men. One man, however, performs these operations with this portable, hand operated Barrett Elevator—and in less time than that necessitated by purely manual labor.

Light yet structurally strong, swift and efficient in operation, this elevator effectively cuts operating costs, reduces hazards and provides for a neat and orderly storage of materials.

FEATURES

1. Electrically welded throughout.
2. Generous size platform—24" x 24".
3. 5'0" full lift.
4. Fully protected sheaves.
5. Open base forks—to straddle difficult jobs.
6. Portable—move it anywhere.
7. Simple operation—crank up and down.
8. Securely locked to floor when raising or lowering loads.
9. Rigidly braced throughout.

PATENT OFFICE

JUN 24 1948

DESIGN DIVISION



644E. Handling Philco-York Air Conditioning Units

BARRETT

CRANK UP-DOWN ELEVATOR

HAND OR ELECTRIC—250 TO 1000 LBS. CAPACITY

APPLICATION—This Crank Up-Down Elevator is intended for loads of any size weighing up to 1000 pounds that must be raised from 1 foot to 10 feet. Platform sizes are available to suit almost any existing needs. Just the elevator for shop or warehouse to stack merchandise, handle dies, hang motors, fill hoppers, load auto trucks, etc. An elevator of this type is priced low enough to enable any company to have one or more on hand for those hard lifting jobs that always occur.

OPERATION—Hand or Electric. On the hand operated unit the crank is merely turned in one direction for raising and the reverse direction for lowering. Lowering effort is about one-quarter the lifting effort indicated in the table below. The friction clutch and stop pins eliminate any danger of the crank spinning out of control. The electrically operated type when equipped with a $\frac{1}{2}$ H.P. motor will operate from an ordinary light socket. For faster speeds, 1 H.P. is usually specified. Either the conventional cable control or push-button control is available.

CONSTRUCTION—Made not to exceed 12 feet in height. Hinged or telescopic models. All welded construction. Anti-friction bearings throughout. Grooved cable drum, out-board bearing on cable drum shaft, twin disc friction clutch, free wheeling ratchet in mechanism and automatic hinges are standard.



SPECIFICATIONS

Add Figures Below to Lifting Height to Obtain Overall Height*								Hand Lift in Ins. per Revolution of Lifting Crank	Pounds Effort on Crank Handle to Lift Capacity Loads	Electric Lifting Speed (feet per minute)	
Platform Length										½ H.P. Motor	1 H.P. Motor
Capacity	24"	30"	36"	42"	48"	54"	60"				
250	14"	16"	18"	20"	22"	24"	26"	3½"	22 lbs.	40	80
500	14"	16"	18"	20"	22"	24"	26"	2⅛"	22 lbs.	30	60
750	14"	16"	18"	20"	22"	24"	26"	1⅜"	22 lbs.	20	40
1000	18"	20"	22"	24"	26"	28"	30"	1⅙"	22 lbs.	15	30

*On Electrically Operated Elevators add 2" to these figures.

PLATFORM—Can be furnished any width or length desired.

HINGED HEIGHT—At any point desired.

OVERALL HEIGHTS—Up to 12'0".

FLOOR WHEELS—Diameter 5".

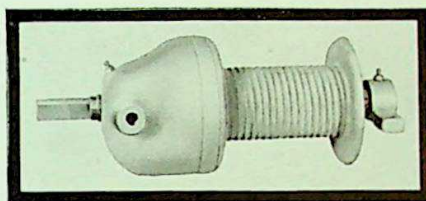
Lifting Speed— $\frac{1}{3}$ less with single phase motor.

BARRETT

CRANK UP-DOWN HOIST

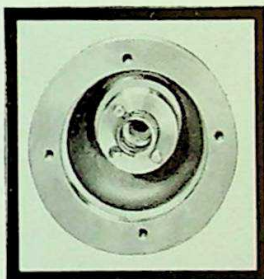
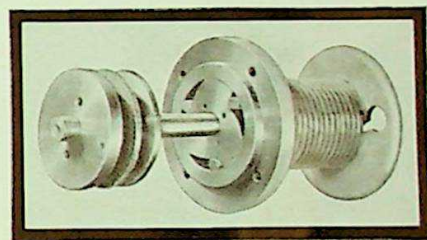


This ingenious hoist is lower priced than any other Barrett Elevator hoist because the Governor Control has been eliminated. Control of the load in both ascent and descent is provided through a friction disc clutch. Outboard Bearing on the drum shaft—Free Wheeling Ratchet—Grooved Cable Drum—Friction Clutch are included among the standard features.



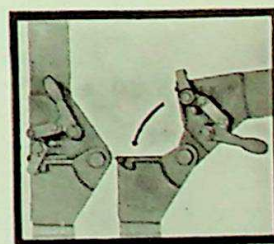
66E. The complete hoist unit—neat—compact—all parts fully enclosed. An outboard bearing is provided for the grooved cable drum. This self-contained unit is the latest development in elevator hoists.

67E. The free wheeling ratchet is an integral part of the grooved cable drum. The friction clutch, mounted on the same crank shaft also becomes an integral part—to further simplify the entire assembly. Two words best describe this engineering achievement—simplicity and compactness.

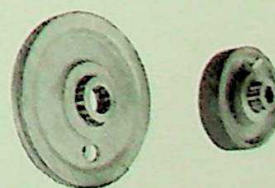


68E. Interior of the bell housing showing the oil reservoir at the bottom, which insures proper lubrication at all times, the one-piece housing contributes to the simplified design incorporated into this unique hoist.

11E. Fully automatic hinges. No wing nuts or loose bolts to fuss with. A safety feature that safety engineers insist on.



62E. Anti-friction bearings to contribute to ease of operation. Standard on all Barrett products.



The Barrett Crank Up-Down Elevator is intended for all lifting jobs, around a shop or warehouse, that involve loads up to 1000 pounds. The load is "cranked-up" and "cranked-down"—with the effort to crank-down about one-quarter of the lifting effort. The crank need never be taken off the shaft—it cannot slip out of control and spin dangerously. The operation of this Barrett Elevator is especially useful where the platform must be raised or lowered fractionally, as in placing dies in presses, etc.

THE BARRETT GEARLESS TYPE ELEVATOR

HAND OR ELECTRIC . . 500 LBS. CAPACITY

For loads not exceeding 500 lbs. and for Elevators not more than 12 feet in overall height, this simple gearless type is very practical. Five strands of $\frac{1}{4}$ " cable make the gears unnecessary, but also limit the practical height of the Elevator to 12 feet. This means that the maximum lifting possible is 10 feet 8 inches. The Barrett Gearless is built in the hand or electrically operated type and with the hinged or telescopic construction.

FEATURES

Standard Governor Control—SAFETY.

Absence of gear mechanism makes it light in weight, hence easy to move about from place to place.

Loads can only descend under control of the operator. Lowering is through an automatic automobile type brake which in turn is governor controlled.

Automatic hinges and Hyatt equipped floor wheels are standard. Simplified construction and quantity production enable us to price this elevator low.

The pull on the handle calls for the minimum effort on the part of the operator even though full capacity loads are being raised.

The Barrett Gearless Elevator will save costs in piling materials, hanging motors, shafting, loading motor trucks, placing dies in presses, and other lifting tasks that normally require three or four men.



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Specifications

Add Figures Below to Lifting Height to Obtain Overall Height.								Hand Lift in Ins. per Revolution of Lifting Crank	Electric Lifting Speed (Feet per Min.)	
Platform Length									½ H.P. Motor	1 H.P. Motor
*Capacity	24"	30"	36"	42"	48"	54"	60"			
500	14"	16"	18"	20"	22"	24"	26"	1½	30	60

*On Electrically Operated Machines add 2" to these figures.

PLATFORM—Can be furnished any width or length desired. Height when lowered.

HINGE HEIGHT—At any point desired.

OVERALL HEIGHTS—Up to 12'0".

FLOOR WHEELS—Diameter 5".

Lifting speeds $\frac{1}{3}$ less with single phase motors.

THE GEARLESS HOIST

The important part of any elevator is its lifting power. In the Gearless Hoist, lifting power is brought to a high state of perfection with the least possible parts. The Outboard Bearing—Free Wheeling Ratchet—Governor Control—Automatic Automobile Brake—and Grooved Cable Drum are a few of its features.



The Barrett Gearless Hoist that for odd lifting jobs around a shop will do work that normally requires three or four men. Below—The New Automatic Hinge. No bolts, wing nuts, or thumb screws to manipulate. This contributes materially to the safety of Barrett Elevators. The cast chilled floor wheels are standard. Hyatt equipped. The hard outer surface with the soft inner web means long life.

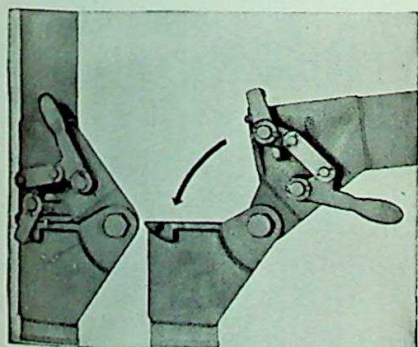


Fig. 11E



Fig. 12E

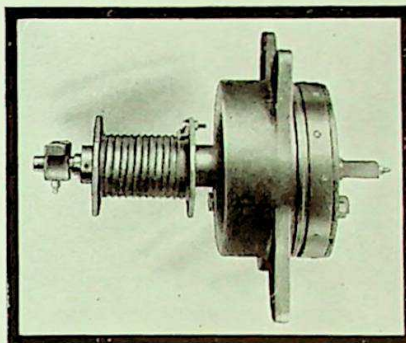


Fig. 7E

8. This Free Wheeling Ratchet is the mechanism that holds the load in position when pressure on the control handle is released. The Governor safely controls the speed of descent.

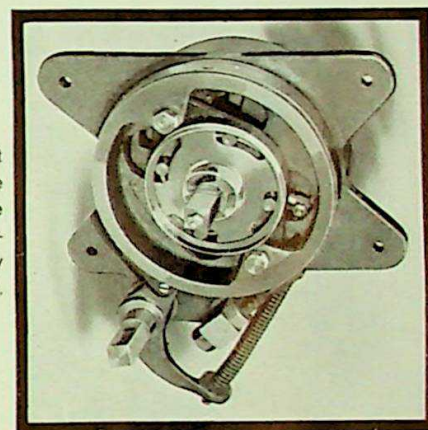


Fig. 8E

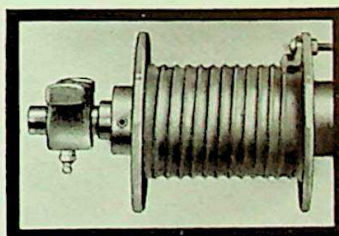


Fig. 9E

9. The Grooved Cable Drum acts as a level winding reel to the cable—no overlapping and binding of the cable. Barrett uses the cable anchor designed for suspension bridges.

10. The Automatic Automobile Brake and Governor Control assembly acts instantly the moment operator's pressure on the control handle is released. The strong durable steel brake band is apparent in the illustration. On the left is illustrated the automatic hinge and the Hyatt equipped floor wheels—both standard on all Barrett Elevators.

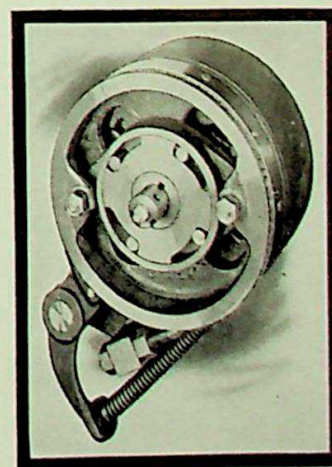


Fig. 10E

A FEW GOOD USES

367E

With the Barrett Portable Elevator, hand labor is reduced to an absolute minimum. Materials are piled ceiling high with ease and safety. Storage capacity is doubled, trebled and oft-times quadrupled—thus making available for more productive purposes, additional floor space.

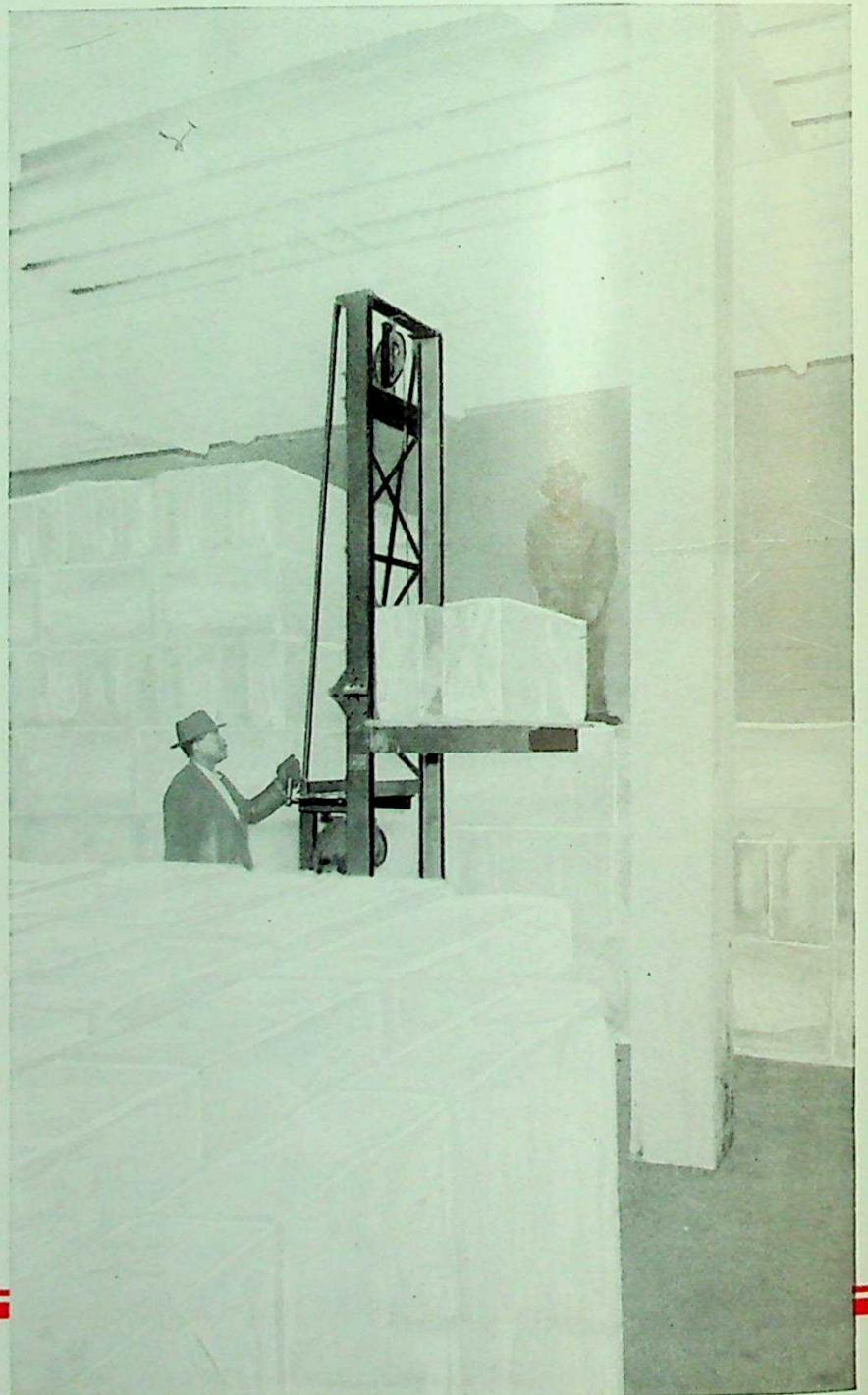
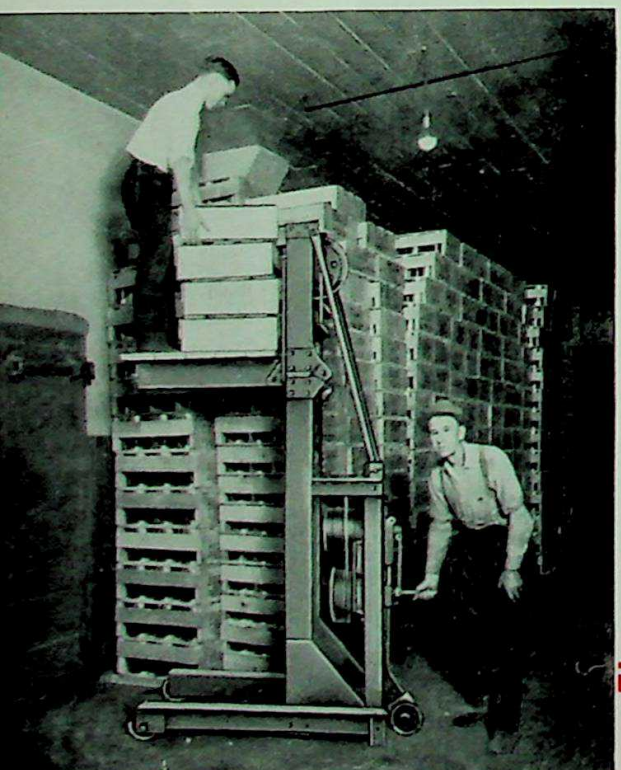
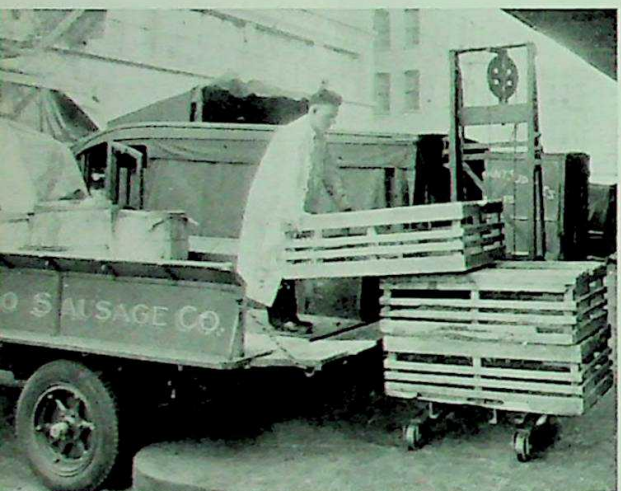
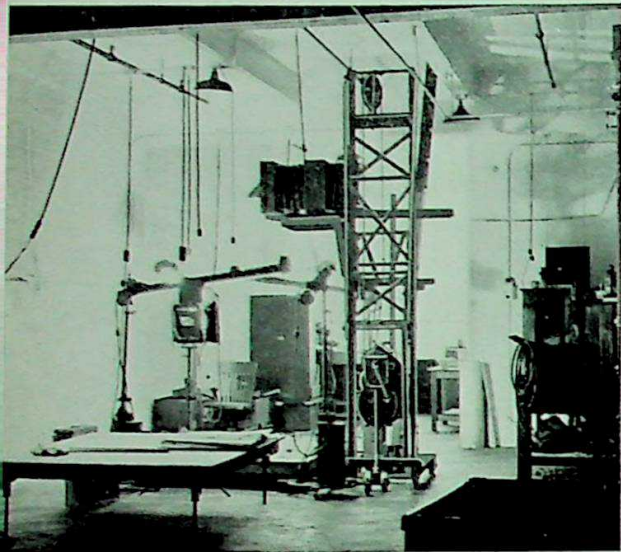
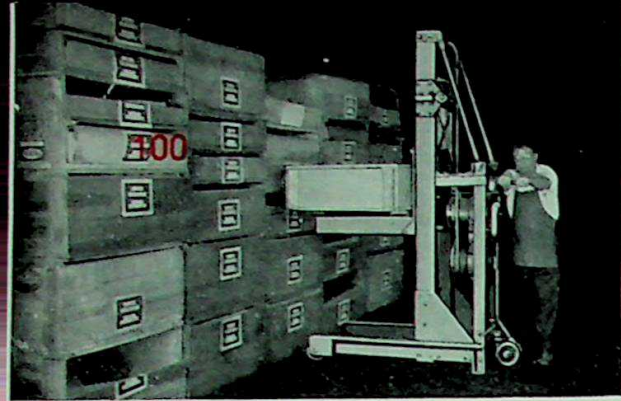
Smooth, silent, and safe, the tasks that Barrett Portable Hand Operated Elevators accomplish in these pictures explain themselves. Ice is stored "ceiling high." On the left a printer piles cases of fine paper, breaks open the ends, and automatically turns the cases into shelves. A studio uses a Barrett to support costly cameras. In the produce market it loads crates of chickens for delivery. And in cold storage where space is at a premium a Barrett earns its way by making every cubic foot of space count.

324E

334E

325E

319E



BARRETT

HAND GEARED ELEVATORS

500 TO 5,000 LBS. CAPACITY

GOVERNOR CONTROLLED
TWO HAND SPEEDS
ALL GEARS FULLY ENCLOSED

APPLICATION—This Geared Hand Type Elevator is designed for capacity loads ranging from 500 to 5,000 pounds and with lifting heights from 1 foot to 36 feet. Platform size can be made to suit any existing need. An ideal machine for doing odd jobs about the shop, handling dies, making repairs, piling or cleaning and oiling machinery and motors. With it, ice, sacks, cartons, bundles and cases and crates are some of the items that can be lifted and stored. Any load of its capacity can be safely handled.

OPERATION—It is operated by hand, yet even capacity loads are lifted with ease and lack of strain on part of the operator. Two lifting speeds allow him to select the best for the work at hand. A governor control assures a uniform and controlled descent of the load. The "automobile type" brake is positive in action and can be released only against strong spring tension.

CONSTRUCTION—Made in either the hinged or telescopic models. All welded construction. Its standard features make it safe, easy and efficient. They are:

1. Cut Spur Gears.
2. All gears enclosed and running in oil.
3. Hyatt equipped floor wheels and sheaves.
4. Automatic Locking Hinges.
5. 3-point Hoist Suspension.
6. Automobile Type Brake.
7. Governor Control.
8. Positive Splash Oiling System.
9. Welded Construction.
10. Zerk Lubrication.

features such as the governor control eliminate the short-comings of the human element and supply full protection against damage in "banging" to products handled. Oversize structural members securely welded together further enhance the stability that long life users can expect from a Barrett Elevator.



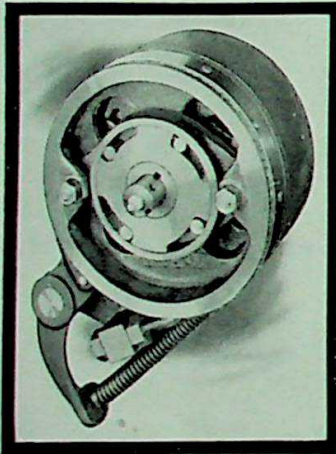
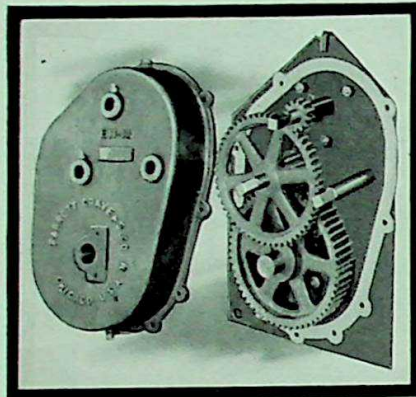
398E

Barrett Hand Elevators have incorporated in their design and construction the very latest mechanical refinements to provide the highest degree of efficiency. Cut spur gears fully enclosed and running in oil assures long life to moving parts and ample protection against dust, lint, acids and other foreign matter. Safety

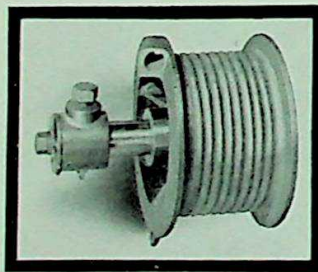
HAND GEARED HOIST

These features of the Barrett Hand Geared Hoist make Barrett Elevators the most outstanding portable elevator for industrial handling of material and equipment on the market. Three-point suspension of the mechanism, enclosed gears running in oil, and positive governor control at all times are but a few of them.

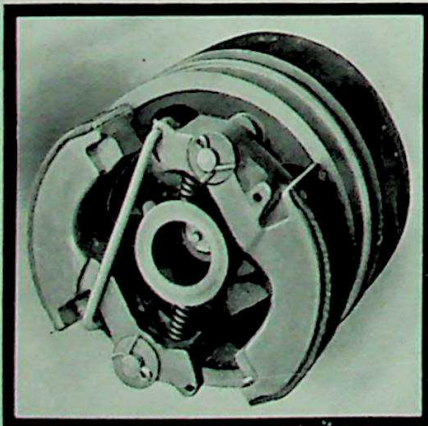
13. The Enclosed Gears with the cover off. These gears are not only enclosed, preventing injury to the operator, but they run in an oil splash that guarantees smoothness of action and long years of wear. Two hand speeds are an exclusive Barrett feature.



10. This Automatic Automobile Brake acts instantly the moment the operator releases pressure on the control. In this way, the operator has complete command of the platform at all times.



18. The Grooved Cable Drum provides a uniform lay of the cable—prevents over-lapping and binding. It is large enough to accommodate the cable in one layer. The cable anchor is the same used in bridge construction.



15. The Governor Control. When the load descends the speed is controlled by this Automatic Governor. The platform cannot move down faster than the assured safety of motion permitted by the Governor—Safety.



398E

The Hand Geared Elevator is an excellent machine for both warehouse piling and equipment lifting or adjusting. Capacities range from 500 to 5,000 pounds. Platform size and lifting height are made to suit any existing need. For a neat, compact, safe and trouble-free unit, the Barrett leads them all.



11-12. On the right is illustrated the new automatic hinges and above the Hyatt equipped floor wheels that are standard equipment.

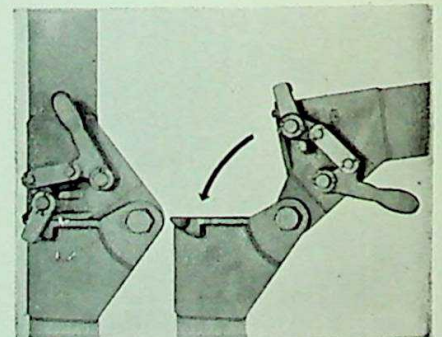
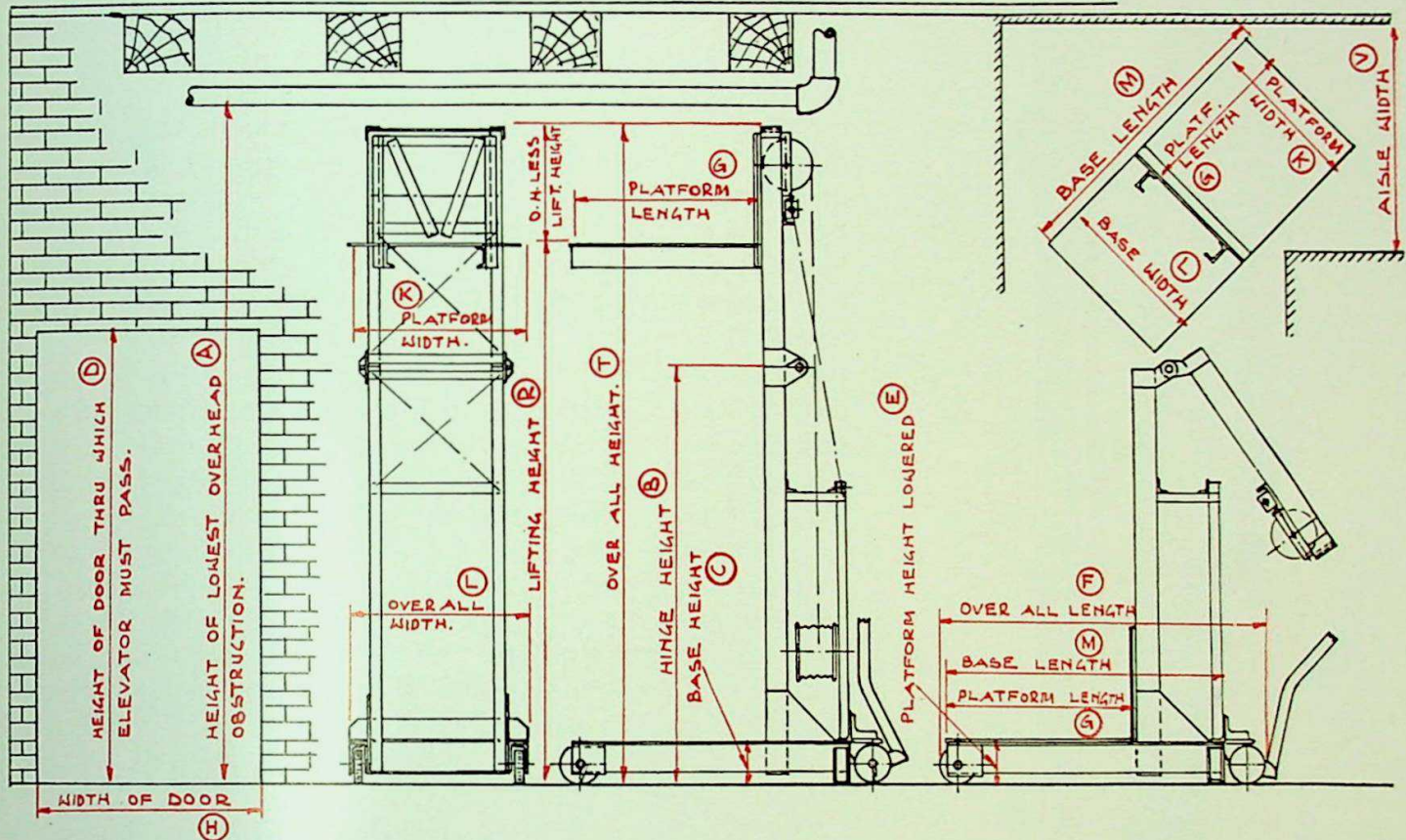


Fig. 11

HAND GEARED ELEVATOR

SPECIFICATIONS



HAND OPERATED TYPE

Add Figures Below to Lifting Height to Obtain Overall Height. (R)								Hand Lift per Revolution of Lifting Crank
Capacity	Platform Length (G)							
	24"	30"	36"	42"	48"	54"	60"	
500	14"	16"	18"	20"	22"	24"	26"	13 ³ / ₈ "
750	14"	16"	18"	20"	22"	24"	26"	13 ³ / ₈ "
1000	18"	20"	22"	24"	26"	28"	30"	11 ¹ / ₈ "
1500	22"	24"	26"	28"	30"	32"	34"	11 ¹ / ₈ "
2000	22"	24"	26"	28"	30"	32"	34"	1 ¹ / ₂ "
3000	24"	26"	28"	30"	32"	34"	36"	3 ³ / ₈ "
4000	26"	28"	30"	32"	34"	36"	38"	1 ¹ / ₄ "
5000	28"	30"	32"	34"	36"	38"	40"	1 ¹ / ₄ "

PLATFORM—Can be furnished any width (K) or length (G) desired. Height when lowered (E) 7" on light and 10" on heavy duty elevators.

HINGE HEIGHT—At any point desired. (B).

OVERALL HEIGHTS—Up to 36'0" (T).

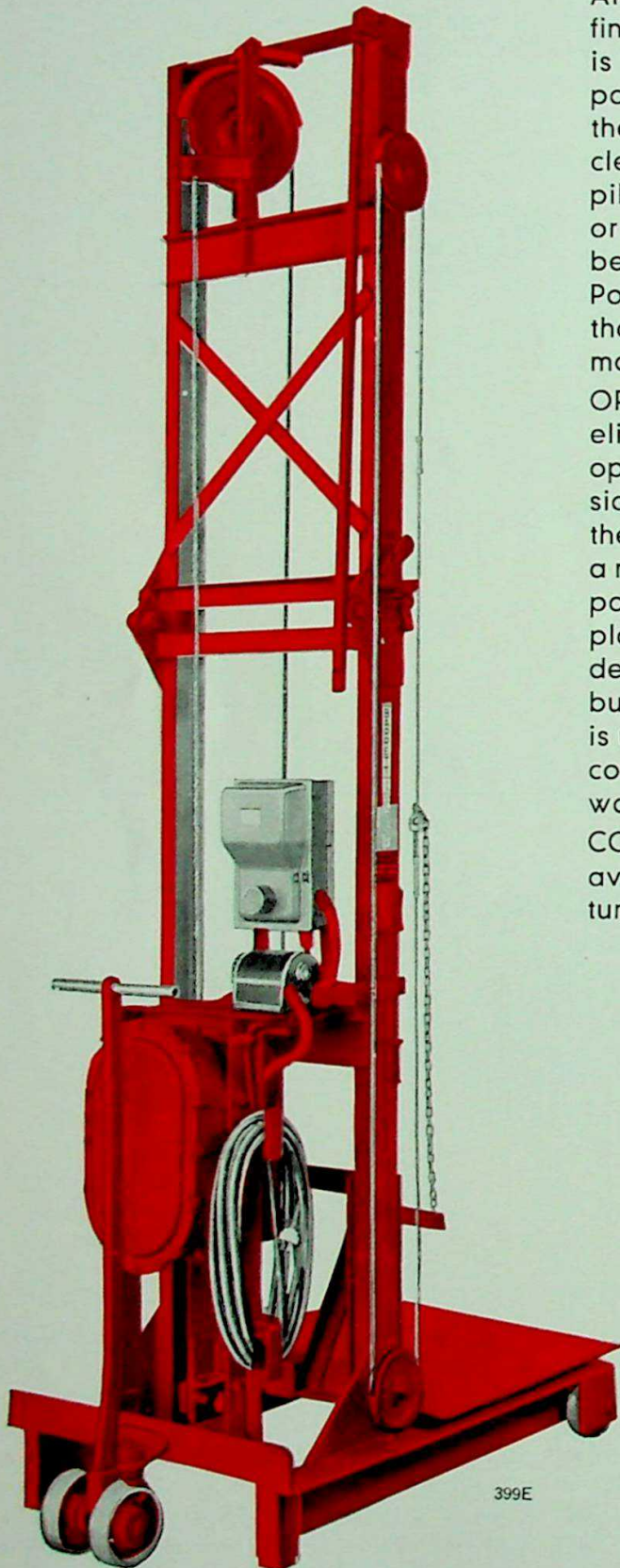
FLOOR WHEELS—Diameter 6" and 9".

NOTE: The above specification table indicates solely the difference between the overall and lifting heights, and the lifting speeds. Other specifications such as base width and length; platform width and length; distance between base legs; between lifting forks, etc., vary for capacities and platform sizes. Hence, it is difficult to set up tables covering all the variations. Suffice it to state that platform base and all other dimensions can be made to suit any existing need and will be completely detailed in answering your inquiry.

ELECTRIC OPERATED—LIGHT DUTY

1/2 AND 1 HORSEPOWER MOTOR

ANY CAPACITY . . . BALL BEARING HOIST . . . DIRECT MOTOR DRIVE
ALL GEARS FULLY ENCLOSED



399E

APPLICATION—The Barrett Electric Portable Elevator is the final word in this type of handling equipment. This Elevator is built with a lifting capacity ranging from 500 to 5,000 pounds. It is adaptable to odd jobs around the shop—to the handling of dies or equipment, and as an aid in the cleaning and oiling of machinery. In the warehouse it will pile or rack crates—bales—casks—paper skids—barrels—or drums. In brief, any material or merchandise that can be piled or racked can be handled with a Barrett Electric Portable Elevator. And do it with a saving in time and labor that is astonishing. When equipped with the 1/2-horse power motor, it can be run off any ordinary light socket.

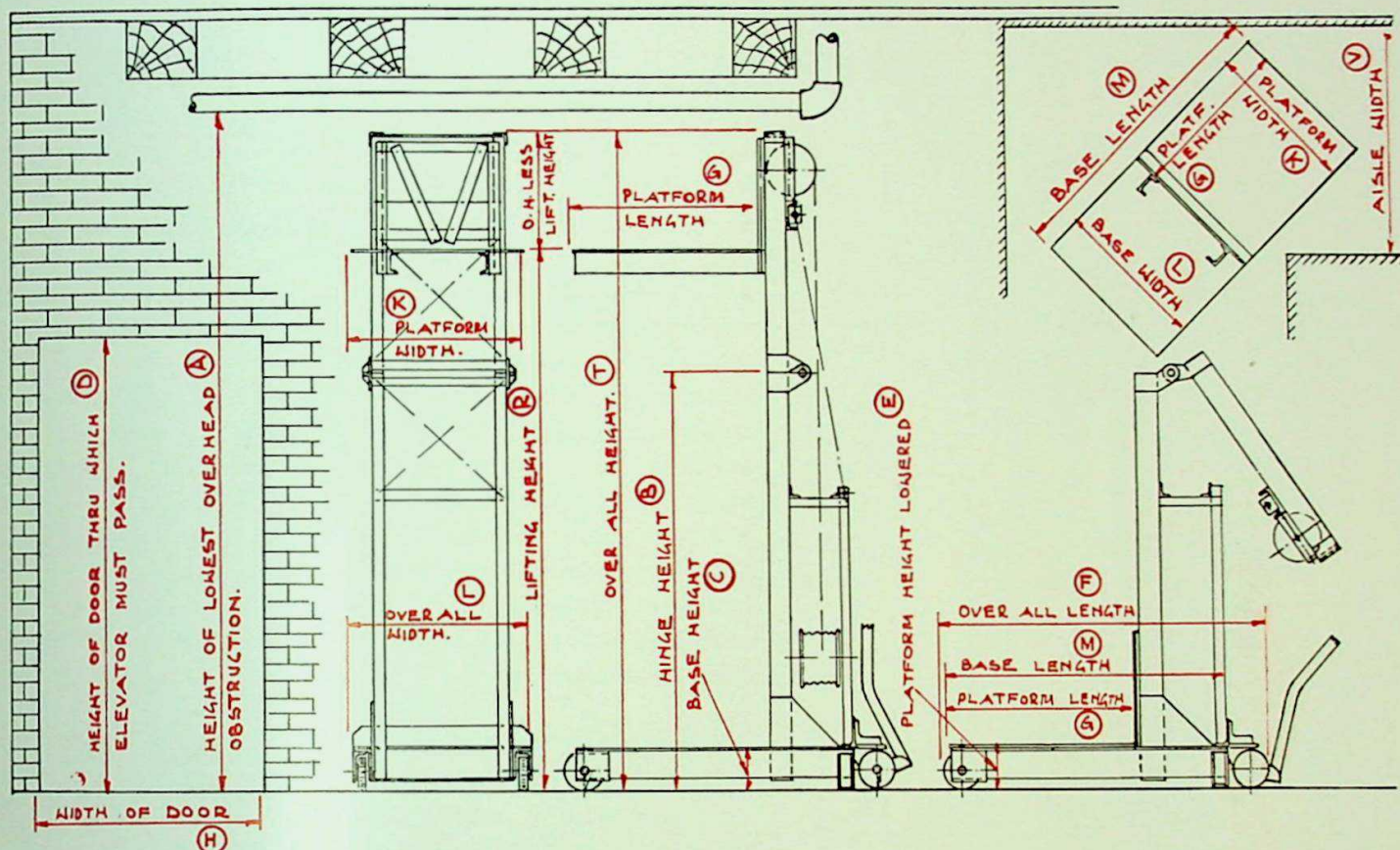
OPERATION—The Electric Portable Elevator practically eliminates hard labor. The machine does the work. The operator merely directs its power. A heavy durable extension cord plugged into any handy electrical outlet supplies the current. Its lifting speed runs from one to eighty feet a minute depending upon the weight of the load and horsepower of the motor furnished. It can be rolled about the plant easily—fits under and lifts skids, double and triple decking them for storage. The machine is operated by push button or cable control with top and bottom limit stops. It is under complete command of the operator the instant the control is released—the machine stops—just where he wants it.

CONSTRUCTION—Both hinged and telescopic designs are available. All welded construction. Barrett's Standard Features make it safe, easy and efficient.

1. Ball Bearing Hoist.
2. Ball Bearing Motor.
3. Direct Motor Drive (No chains or belts).
4. Spur Gears.
5. All Gears Enclosed and Running in Oil.
6. Electric Solenoid Brake.
7. Hyatt Equipped Floor Wheels and Sheaves.
8. Thermal Overload Switch.
9. Automatic Locking Hinges.
10. Positive Splash Oiling System.
11. Zerk Lubrication.
12. Welded Construction.
13. Top and Bottom Limit Stops.
14. "Dead-Man" Cable Control.

Barrett Electric Portable Elevators have such worth-while improvements as A—Solenoid operated brake integral with motor which automatically applies in the event of current failure; B—Thermal overload switch to prevent operator from loading the elevator in excess of 25% greater than rated capacity; C—Direct motor drive—eliminating service, replacement and adjustment so common to chain drives; D—Ball Bearing equipped hoist and motor for greater efficiency and lower current consumption.

ELECTRIC OPERATED—LIGHT DUTY SPECIFICATIONS



ELECTRIC OPERATED ... LIGHT DUTY HOIST

Add Figures Below to Lifting Height to Obtain Overall Height. (R)								Electric Lifting Speed* (Feet per Minute)	
Capacity	Platform Length (G)							1/2 H.P. Motor	1 H.P. Motor
	24"	30"	36"	42"	48"	54"	60"		
500	16"	18"	20"	22"	24"	26"	28"	30	60
750	16"	18"	20"	22"	24"	26"	28"	20	40
1000	20"	22"	24"	26"	28"	30"	32"	15	30
1500	24"	26"	28"	30"	32"	34"	36"	10	20
2000	24"	26"	28"	30"	32"	34"	36"	7	15
3000	26"	28"	30"	32"	34"	36"	38"		
4000	28"	30"	32"	34"	36"	38"	40"		
5000	30"	32"	34"	36"	38"	40"	42"		

* Single Phase Motor Speeds 1/3 less than table above.

PLATFORM—Can be furnished any width (K) or length (G) desired. Height when lowered (E) 7½" on light and 10½" on heavy duty elevators.

HINGE HEIGHT—At any point desired. (B).

OVERALL HEIGHTS—Up to 36'0". (T).

FLOOR WHEELS—Diameter 6" and 9".

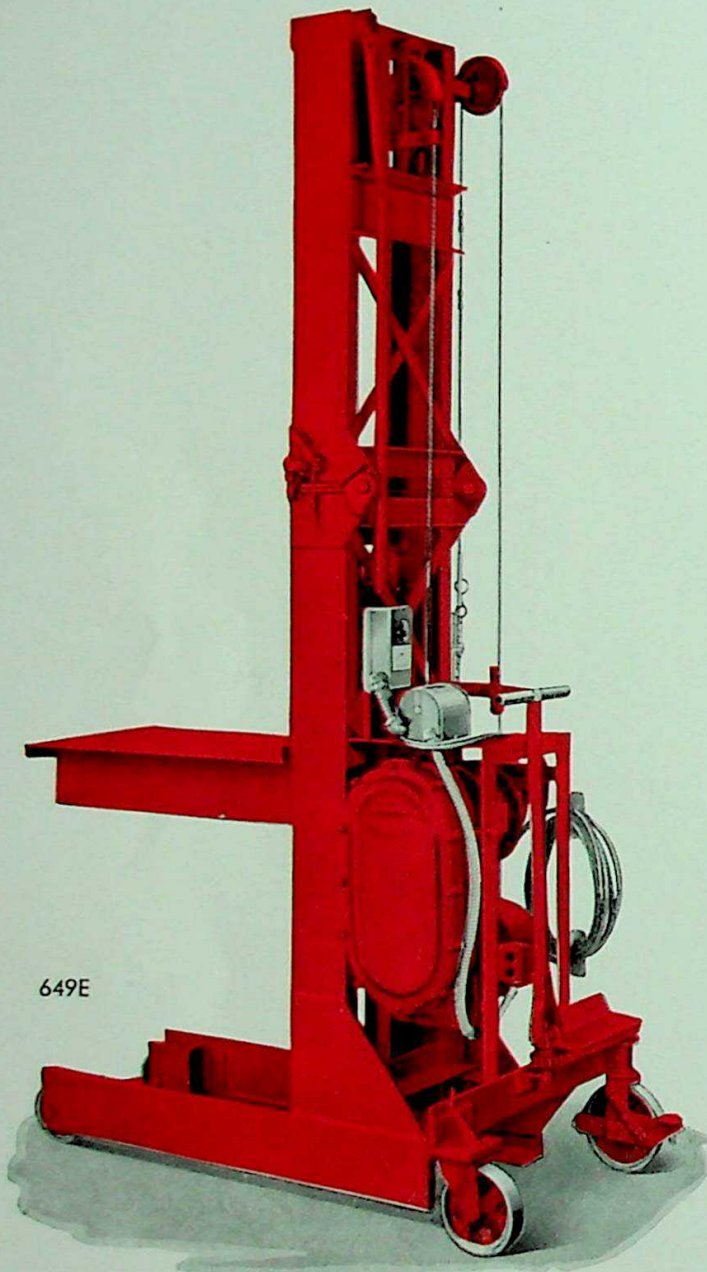
NOTE: All platforms greater in area than 36"x36" because of their increased weight, reduce the lifting speed tabulated, to a minor degree.

NOTE: The above specification table indicates solely the difference between the overall and lifting heights, and the lifting speeds. Other specifications such as base width and length; platform width and length; distance between base legs; between lifting forks, etc., vary for capacities and platform sizes. Hence, it is difficult to set up tables covering all the variations. Suffice it to state that platform base and all other dimensions can be made to suit any existing need and will be completely detailed in answering your inquiry.

ELECTRIC OPERATED — HEAVY DUTY

2 TO 15 HORSE POWER
ANY CAPACITY

BALL BEARING HOIST
DIRECT MOTOR DRIVE
ALL GEARS FULLY ENCLOSED



649E

A husky unit that is both compact and sturdy. Nothing in material or design has been spared to make Barrett Heavy Duty Electric Elevators the most efficient, economical and safe to operate. See the electrical and mechanical advantages incorporated in the light duty elevators described on the previous page as they are also incorporated in this heavy duty design. For satisfactory operation over a long period of years, without frequent maintenance, specify Barrett Portable elevators.

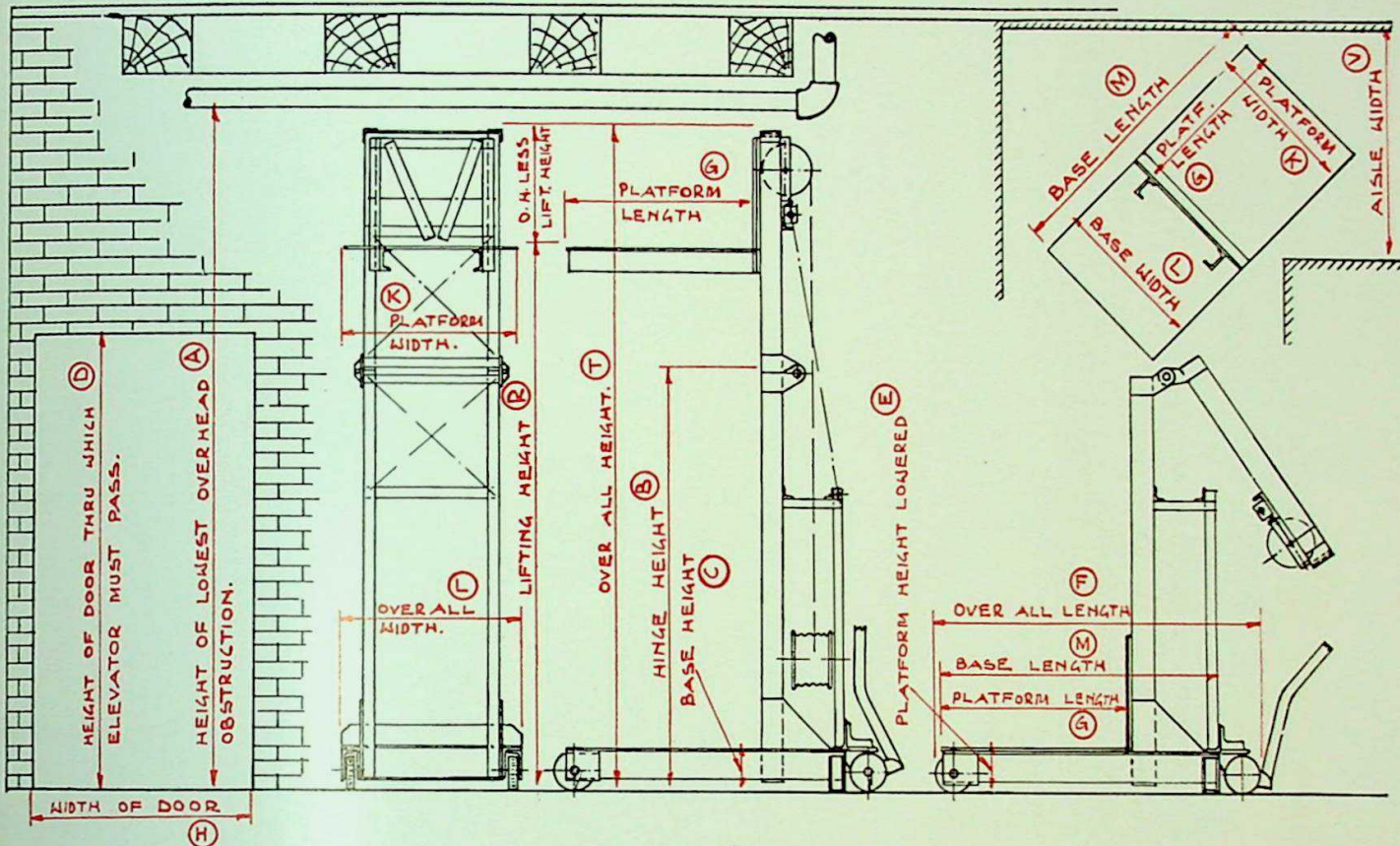
APPLICATION—An exceptionally heavy duty Electric Portable Elevator built for heavy work or where faster than average lifting speed is wanted. With a 2 to 15 Horsepower Motor this machine has a lifting capacity from 500 to 5,000 pounds. It can be used in the shop, in warehouses, or outdoors. There seems to be no limit to the number of odd jobs the continued use of a Portable Elevator will suggest to the operator. Bales of cotton—great casks of tobacco—heavy drums of oil—bags of cement—barrels of whiskey—skids of paper—heavy rolls of newsprint—crated plumbing fixtures—stoves—and huge cases of merchandise makes a small but suggestive list of what this machine will handle.

OPERATION—With the exception of moving the elevator about, this Portable Elevator practically eliminates manual labor. Under the direction of its operator, the real work is done by the machine. Its current is supplied by a heavy durable extension cord that is plugged into any handy electrical outlet. The lifting speed runs up to 80 feet a minute, depending upon the weight of the load and horse power of motor selected. It is easily rolled about the plant—fits under skids—double and triple decking them for storage. The machine may be equipped with push button or cable control, with top and bottom limit stops. At all times it is under the complete command of the operator, for the instant he releases the control, the machine stops—right where he wants it.

CONSTRUCTION—Both hinged and telescopic designs are available. All welded construction. Barrett's Standard Features make it safe, easy and efficient.

1. Ball Bearing Hoist.
2. Ball Bearing Motor.
3. Direct Motor Drive (No chains or belts).
4. Spur Gears.
5. Thermal Overload Switch.
6. All gears enclosed and running in oil.
7. Electrical Solenoid Brake.
8. Automatic Locking Hinges.
9. Positive Splash Oiling System.
10. Zerk Lubrication.
11. Hyatt Equipped Floor Wheels, Sheaves and Platform Rollers.
12. Welded Construction.
13. Top and Bottom Limit Stops.
14. "Dead Man" Cable Control.

ELECTRIC OPERATED — HEAVY DUTY SPECIFICATIONS



ELECTRIC OPERATED . . . HEAVY DUTY HOIST

Add Figures Below to Lifting Height to Obtain Overall Height.								Electric Lifting Speed* (Feet per Minute)		
Platform Length										
Capacity	24"	30"	36"	42"	48"	54"	60"	2 H.P. Motors	3 H.P. Motors	5 H.P. Motors
500	14"	16"	18"	20"	22"	24"	26"	95	65	48
750	14"	16"	18"	20"	22"	24"	26"	65	48	32
1000	18"	20"	22"	24"	26"	28"	30"	48	32	24
1500	22"	24"	26"	28"	30"	32"	34"	32	24	20
2000	22"	24"	26"	28"	30"	32"	34"	24	20	15
3000	24"	26"	28"	30"	32"	34"	36"	20	15	12
4000	26"	28"	30"	32"	34"	36"	38"	15	12	10
5000	28"	30"	32"	34"	36"	38"	40"	12	10	8

* Single phase motor speeds 1/3 less than those given in table above.

PLATFORM—Can be furnished any width (K) or length (G) desired. Height when lowered (E).

HINGE HEIGHTS—At any point desired. (B).

OVERALL HEIGHTS—Up to 36'0".

FLOOR WHEELS—Diameter 6" and 9".

NOTE—All lifting platforms greater in area than 36"x36", reduce the lifting speeds somewhat because of their increased weight.

NOTE: The above specification table indicates solely the difference between the overall and lifting heights, and the lifting speeds. Other specifications such as base width and length; platform width and length; distance between base legs; between lifting forks, etc., vary for capacities and platform sizes. Hence, it is difficult to set up tables covering all the variations. Suffice it to state that platform base and all other dimensions can be made to suit any existing need and will be completely detailed in answering your inquiry.

THE ELECTRIC HOIST

Some more Barrett features—every one so important that we will not build a Portable Elevator without them. You will save your company, time, money and future annoyance by insisting upon them.

The structure is made of standard structural shapes of extremely rigid welded design.

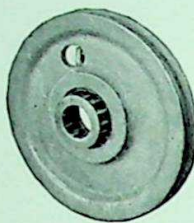


Fig. 16E

16. Sheaves are equipped with Hyatt heavy duty anti-friction bearings.



Fig. 12E

12. Cast chilled floor wheels are standard. The hard outer surface with the soft inner web means long life. Hyatt equipped.

Control — "Dead-Man" type. Convenient handle for easy operation. Limit switches top and bottom independent of operator. Can be adjusted to stop at any predetermined height, top or bottom.

The lifting platform is provided with rollers turned to fit the channel frame uprights, revolving on hardened studs, provided with Zerk grease cups. Roller Bearings in platform rollers in heavy capacity elevators.

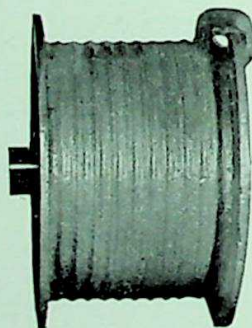


Fig. 14E

14. The sturdy cable drum has grooves of proper size to accommodate the cable without rewinding the cable back on itself. Drum is keyed and pressed on to shaft.



Fig. 17E

17. Here you see the constant stream of oil being splashed all over every gear, shaft and bearing inside of a Barrett Elevator Hoist. Naturally, this system contributes to the long life and efficient operation of the hoist.

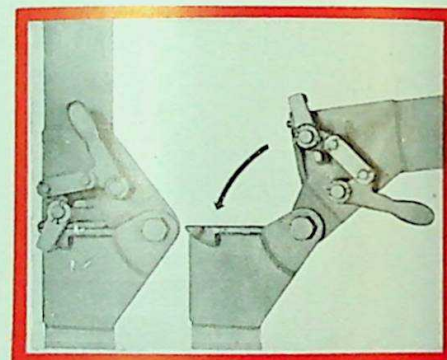
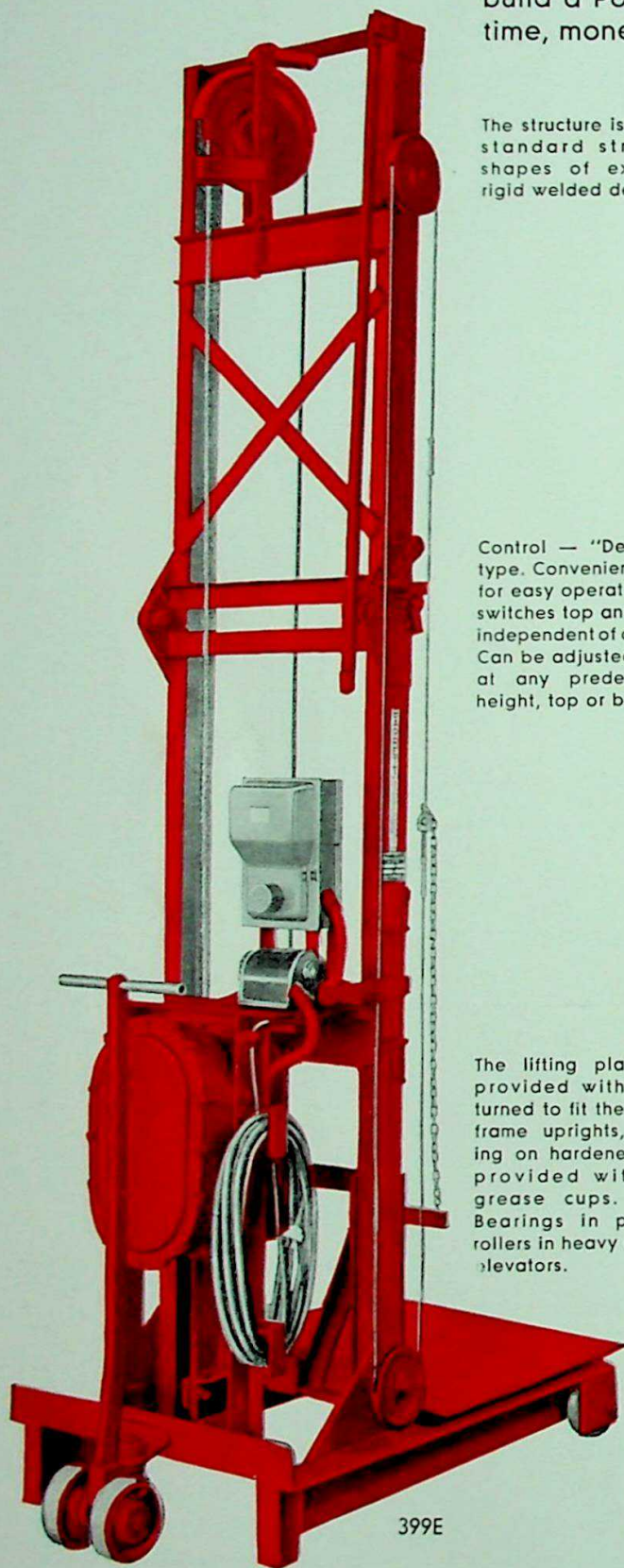


Fig. 11E

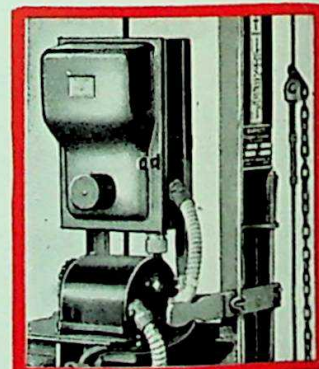
11. The NEW automatic type hinge that is truly AUTOMATIC. No bolts, wing nuts or thumb screws to manipulate. This feature contributes materially to the safety of the Barrett Elevator.



399E

Fig. 19E

19. Easy control. The reversing switch (drum switch) enables the operator to reverse or stop the lifting platform at will at any point of travel. Letting go of the operating handle stops the load automatically. A safety overload switch is also used to protect the motor against damage from sustained overloads.

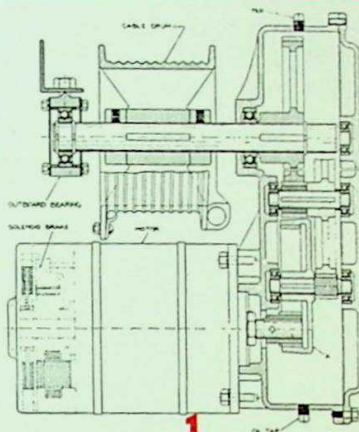
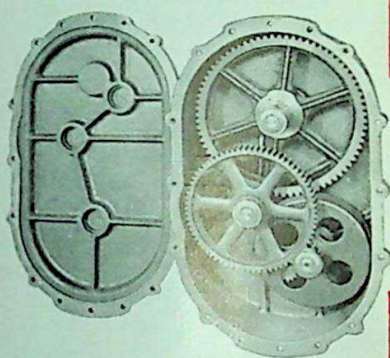


THE ELECTRIC HOIST

The high efficiency of the hoisting unit is demonstrated by a study of these assemblies of the Barrett Electric Elevator.

2. All gears are enclosed and running in a continuous torrent of oil. Spur gears are also used for greater efficiency and lower operating cost. Illustration shows the light duty $\frac{1}{2}$ and 1 horse power hoist. Ball Bearing.

2

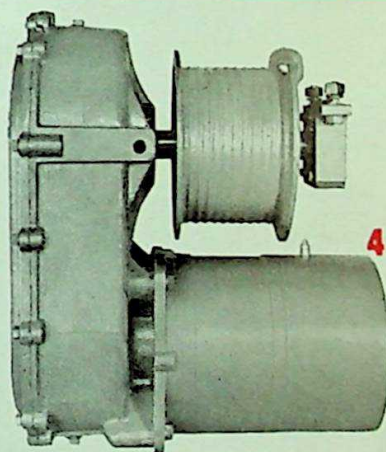
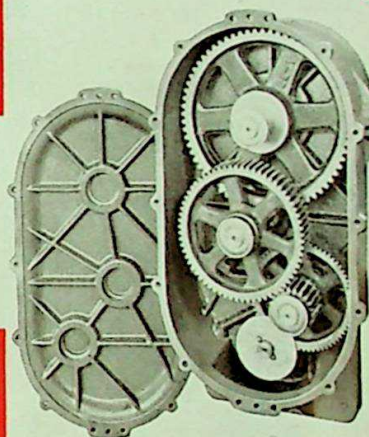


1

1. Of primary importance is the hoisting unit. For the highest efficiency and lowest operating cost Barrett Hoists are Ball Bearing equipped and of the spur gear type shown here.

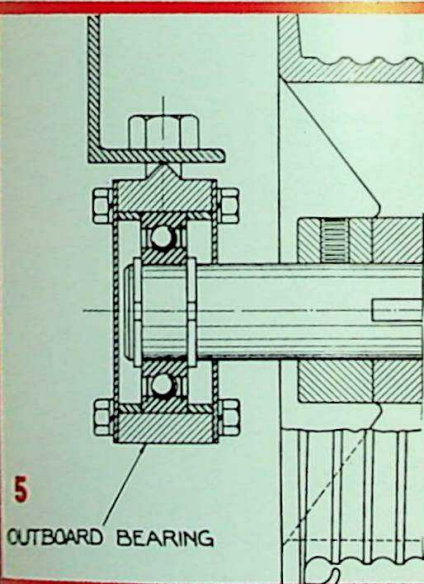
3. The heavy duty hoist for 2 to 5 horse power motors. Again all gears are totally enclosed and running in oil. Spur gears and Ball Bearings guarantee the highest possible efficiency and low operating cost.

3



4

4. Direct motor drive — and a Ball Bearing motor — is an important feature in all modern equipment. No noisy chains. No exposed working parts — quiet — safe — dirt proof — efficient.



5

OUTBOARD BEARING

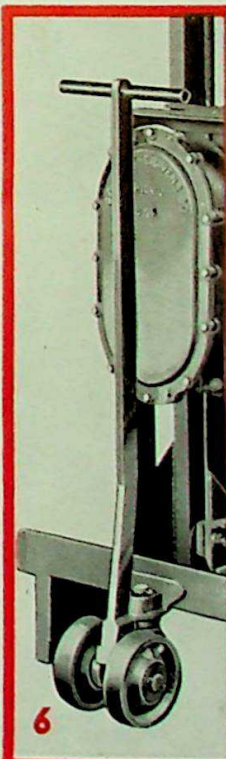
5. The outboard bearing on the drum shaft gives three point suspension of the mechanism. Again Ball Bearings are used.

INSIST ON

- A. A ball bearing hoist.
- B. A ball bearing motor with enclosed integral magnetic brake on rotor shaft.
- C. A directly connected motor — no chains or belts.
- D. All gears totally enclosed and running in oil.
- E. Spur gears for highest efficiency and lowest operating costs.
- F. Hyatt equipped wheels.
- G. Automatic hinges.
- H. Positive splash oiling system.

6. Notice the trim, compact appearance of the hoist and handle assembly. No excess parts to give trouble — everything simple, yet sturdy.

6



SAFETY FEATURES

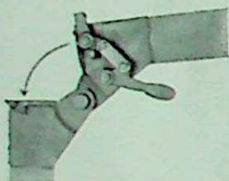
Barrett Portable Elevators pace the industry in SAFETY. They were the first to totally enclose all the gears and have them run in oil. The governor control was likewise first introduced by Barrett. Next followed the fully automatic hinges, the grooved cable drum, the sturdy

back bracing, the directly connected motor which eliminated chains and belts. Now the thermal overload switch, protected sheaves, slack cable switch and full floating hoist are standard equipment. Insist on these desirable features when buying.



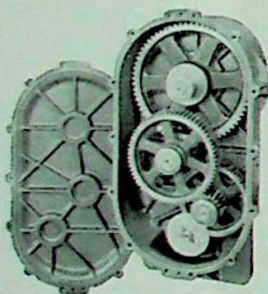
PROTECTED SHEAVE

All sheaves fully protected against hands and fouling of cable.



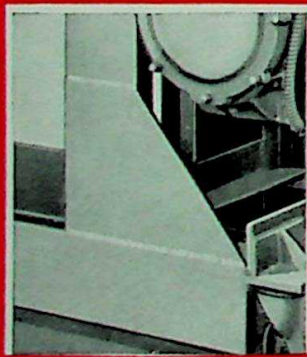
AUTOMATIC HINGES

Barrett hinges are fully automatic. No wing nuts or loose bolts to fool with.



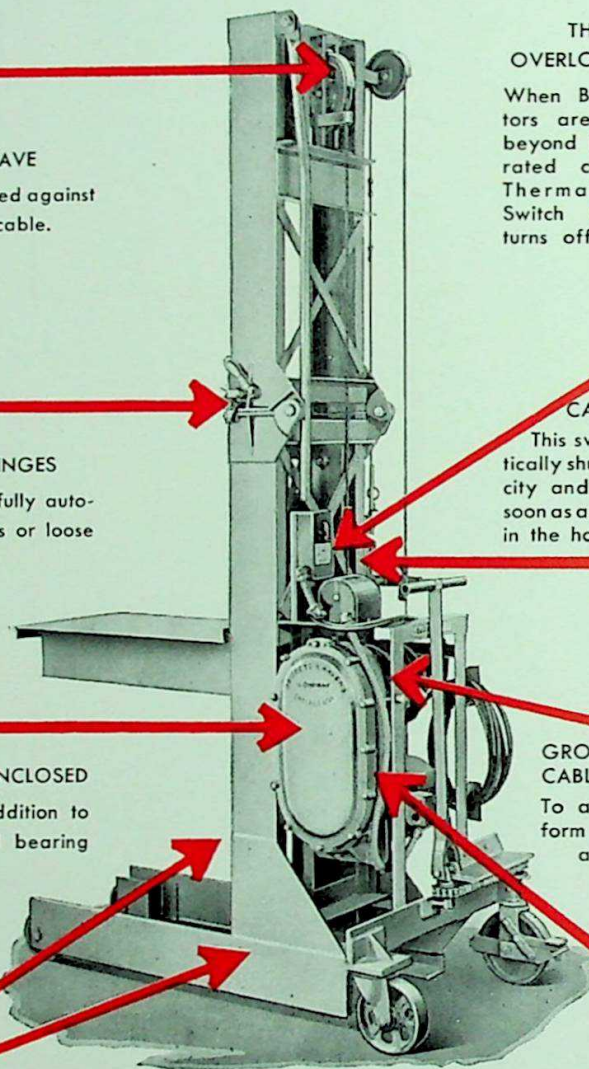
GEARS FULLY ENCLOSED

All gears, in addition to running on ball bearing shafts, are fully enclosed and running in oil.



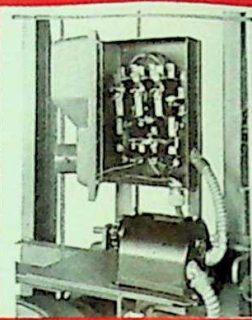
ARC-WELDED

The structural members are rigidly arc-welded—assuring a life long construction.



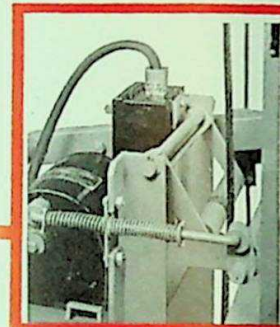
THERMAL OVERLOAD SWITCH

When Barrett Elevators are overloaded beyond 15% of their rated capacity, the Thermal Overload Switch automatically turns off the current.



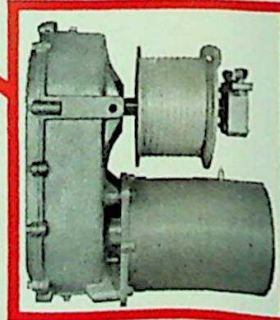
SLACK CABLE SWITCH

This switch automatically shuts off electricity and elevator as soon as any slack occurs in the hoisting cable.



GROOVED CABLE DRUM

To assure a uniform lay of cable and eliminates cable "jumping."



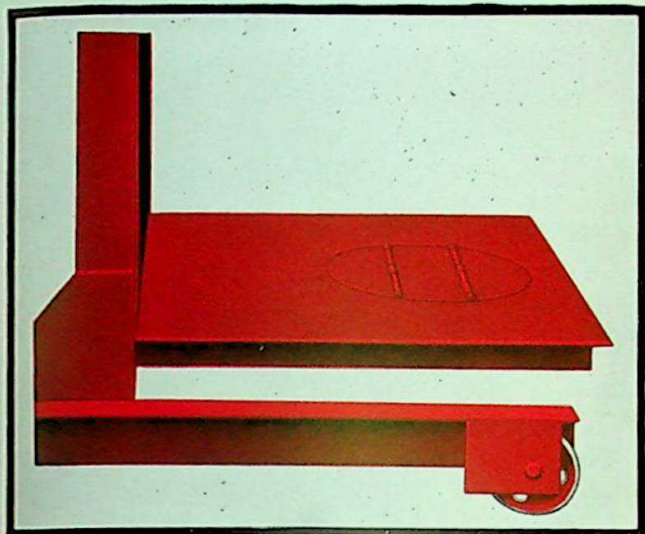
DIRECTLY CONNECTED MOTOR

The ball bearing motor is directly connected—there are no chains or belts.

It costs no more to buy a sturdy "safe" Barrett Portable Elevator. So when buying a hand operated elevator insist on (a) governor control; (b) two hand speeds; (c) all gears fully enclosed and running in oil; (d) full floating hoist; (e) grooved cable drum with outboard bearing; (f) Hyatt equipped floor wheels; (g) fully automatic hinges and (h) protected sheaves.

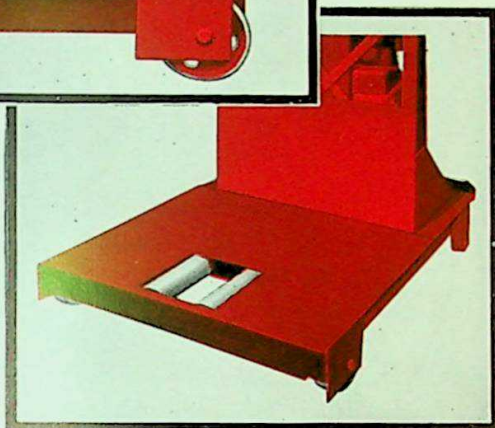
On electric elevators insist on (1) Ball bearing hoist; with all of the gears fully enclosed and running in oil; (2) slack cable switch; (3) directly connected ball bearing motor; (4) solenoid brake; (5) thermal overload switch; (6) protected sheaves; (7) elevator grounded; (8) ball bearing outboard bearing; (9) fully automatic hinges and (10) full floating hoist.

ELEVATOR PLATFORM VARIATIONS

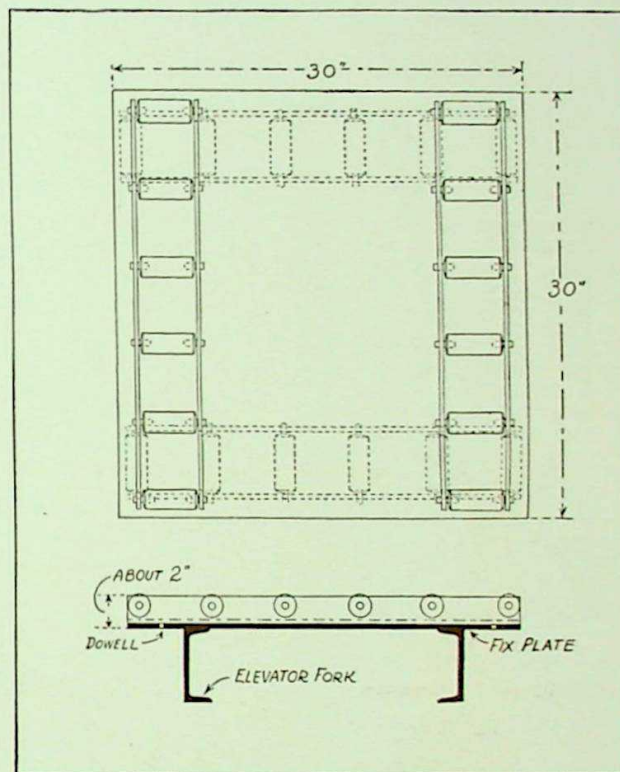
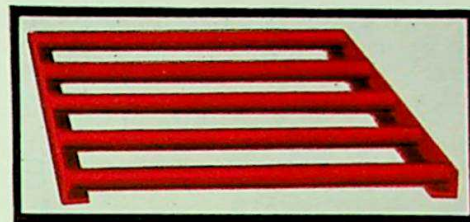


633E. Turntable. Recessed so as to be almost flush with platform plate. Made in diameters of 18", 24", and 30". Ideal for turning loads to desired position for loading or unloading.

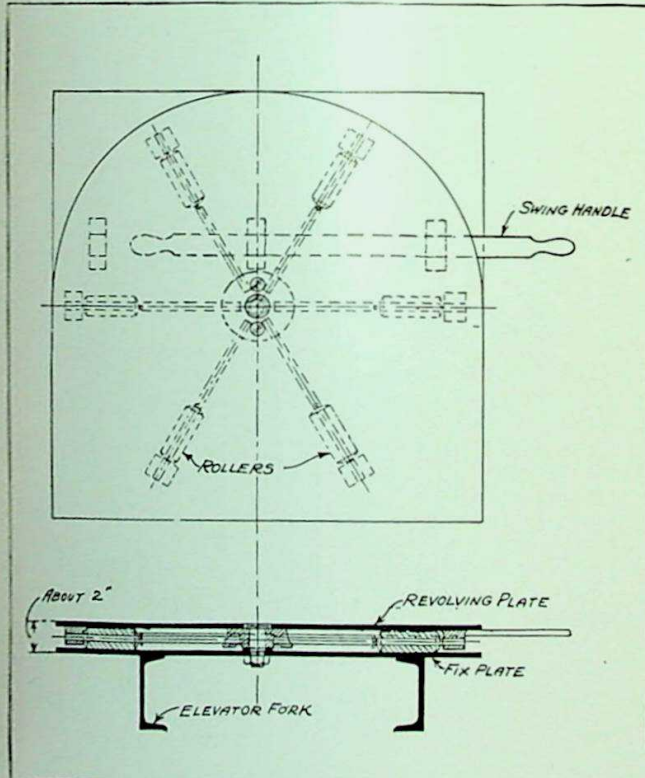
677E. Rolls. Recessed into platform plate. Will not interfere with loading and unloading. Ideal for barrels and drums that require positioning of bungs.



676E. Removable & Reversible Rollers. Made 24", 30" and 36" square. Can be set so loads roll in any direction. Held secure on platform plate by four dowel pins. Increases platform and lifting height 2½".

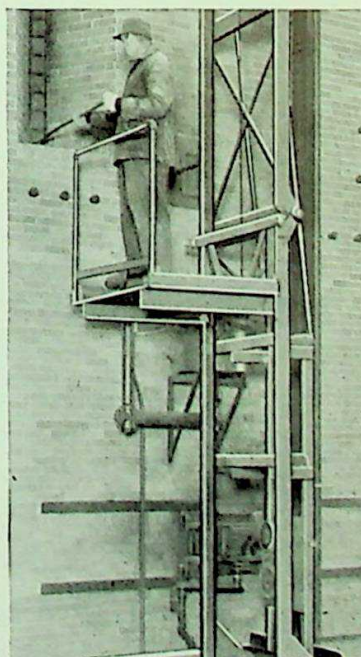


697E. Removable and Reversible Roller Sections. A distinct aid in handling cases and other solid packages. Can be placed in either direction. Securely held in position by dowel pin.

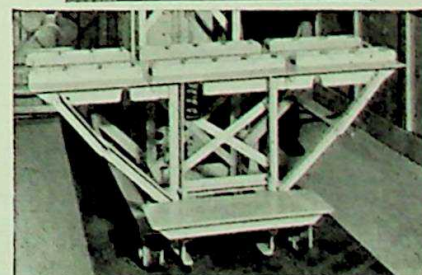
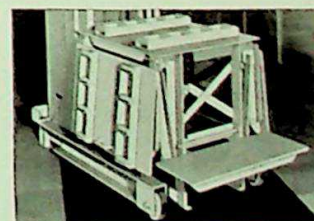


698E. Revolving Platform Plate. Designed to swing the entire load around to proper position for loading or unloading. See Revolving Base Elevators for similar adaptation.

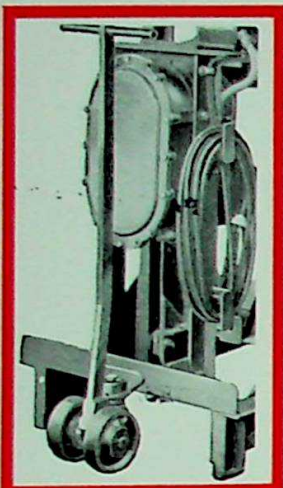
320E. Platform Railings. Either fixed or removable. Can be had for sides or end, or both. Usually 42" high.



426E. Folding Platform. Equipped with hinged sections for long cumbersome loads. Folded down for passage through narrow spaces. Note step for operator which travels up and down with platform.



HANDLE STEER VARIATIONS

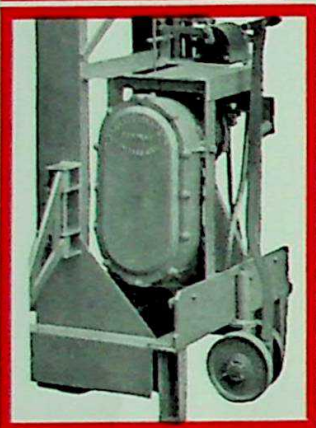
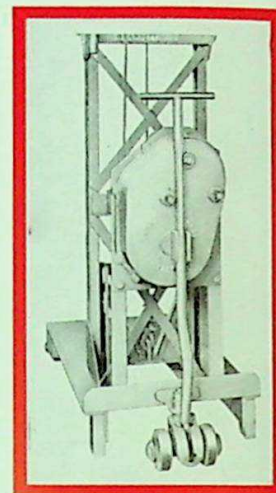


CONVENTIONAL STEER

6. The cantilever steering handle and wheel arrangement is standard on Barrett Elevators of 500, 750 and 1000 pounds capacity. A downward pull on the handle to a comfortable pulling position raises the hoist end of the elevator off the floor on to the towing wheels — ready to be moved. Raising the handle to a vertical position, lowers the elevator, off the two wheels and onto the two legs—thus locking it securely to the floor for loading and unloading purposes.

FREE HANDLE STEER

634E. Optional type steer which automatically locks the elevator in a position for towing and has a "free" handle. Safe, efficient and popular.

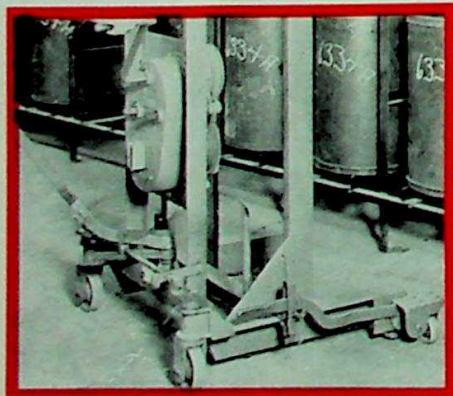


HYDRAULIC CHECK HANDLE STEER

604E. Standard on all Barrett Elevators of 1500 pounds capacity and greater. Operation similar to Conventional Steer except handle is equipped with a hydraulic check which takes the "whip" out of the handle and lowers the elevator legs to the floor under hydraulic pressure.

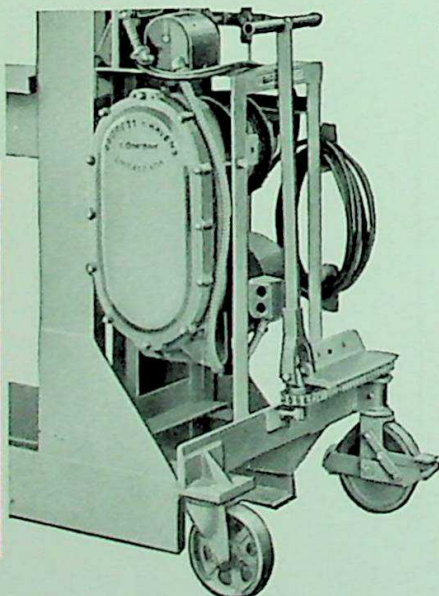
TILT STEER

618E. A new development in Barrett Elevators and intended solely for machines not over 7'0" in overall height. Entire elevator tilts backward on auxiliary set of casters for moving from one location to another—without load. Designed so it cannot tip over. Absolutely safe.



TWO-WAY STEER

675E. A unique six wheel steer arrangement that provides for two direction movement without turning the elevator around. Forward and backward movement as well as direct sideward travel can be attained without changing the position of the elevator platform and uprights.

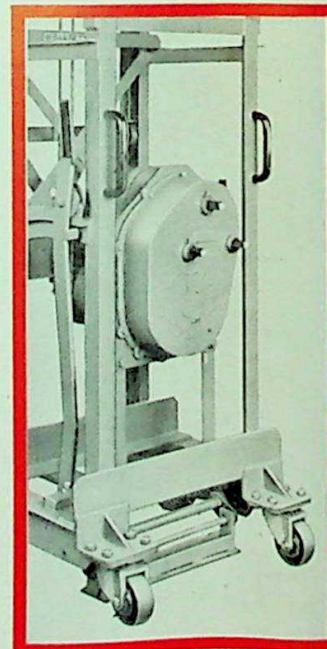


AUTO STEER

678E. One guide wheel operates by chain through steering handle while the other is a free swivel. Elevator can be turned in its own dimensions. Especially desirable on high elevators, because it contributes to the stability. A foot brake on the "chain steer" wheel is easily applied by foot treadle, locking the elevator to the floor.

CASTER STEER

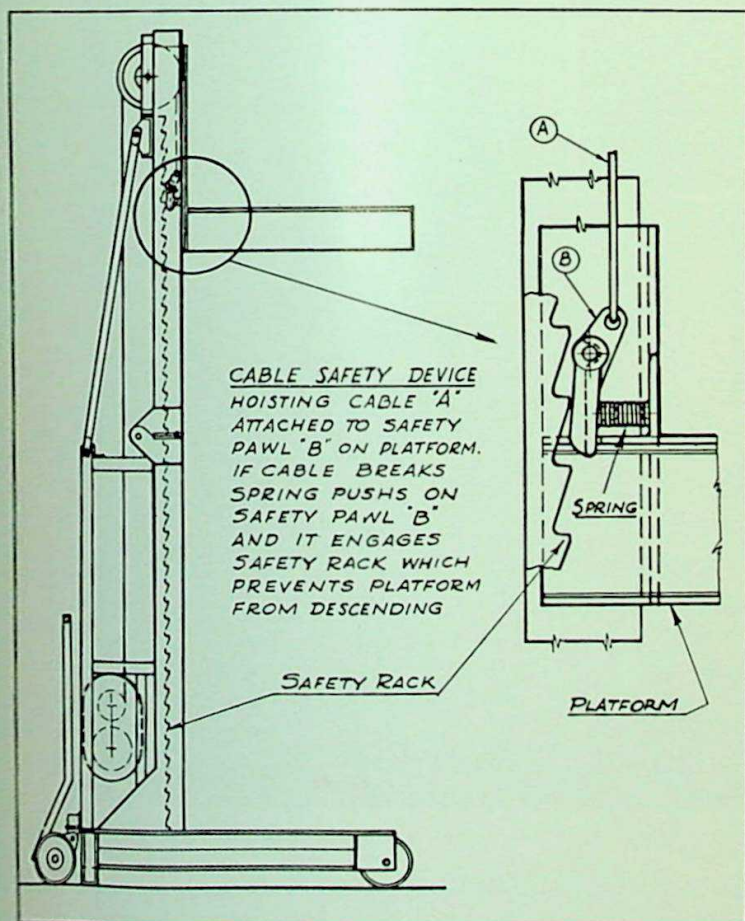
683E. This design provides two swivel casters at each corner of the hoist end of the elevator and two handle grips on the vertical uprights. This type steer, without floor lock, is optional. With floor lock it is slightly higher in price. Ideal for cramped quarters.



CABLE SAFETY DEVICE

All Hand Operated Barrett Elevators are standard equipped with Free Wheeling Ratchet, Governor Control and Automatic Automobile Brake. The Electric Powered machines with Direct Motor Drive, Thermal Overload Switch and Solenoid Brake—the last word in safety. And the steel cables of both types are tested at a breaking point of ten times the rated load. Hence, Barrett Elevators give an outstanding assurance of security and safety. Yet for the exceptional occasions where an extra measure of safety is demanded Barrett Engineers have designed the "Barrett Cable Safety Device."

This is a heavy "saw toothed" strip of heavy steel running up the center of the elevator, between the two uprights, which provides a place of engagement for the safety pawl mounted on the traveling platform. Automatic in action, it prevents the platform from dropping, in case the cable should break, by locking the platform into position instantly.



628E

PATENT OFFICE

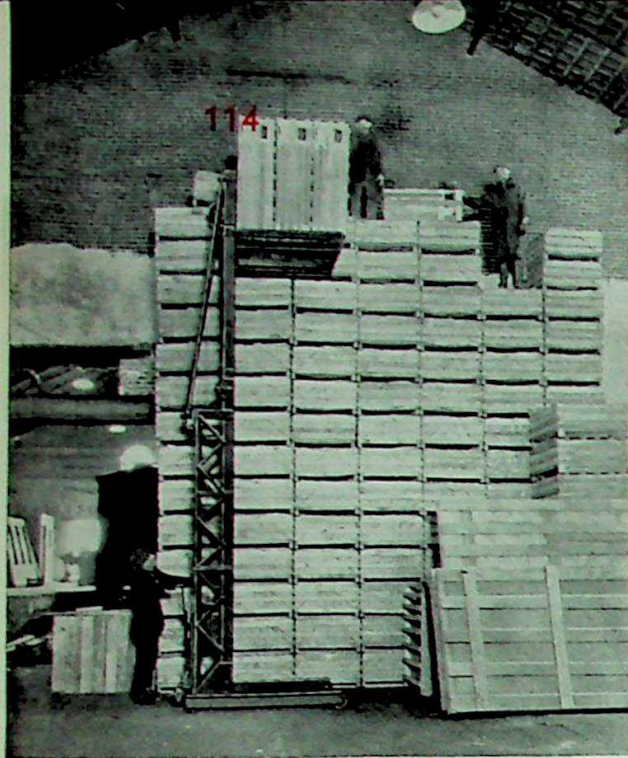
JUN 24 1948

DESIGN DIVISION



415E

The diagram on the left demonstrates the automatic action of the Barrett Cable Safety Device. The cable is attached to a Safety Pawl on the platform. This pawl is under a spring pressure that, in case of accident to the cable, forces it with flash-like action into the wedged safety rack—holding the platform in position—at the point the break occurred. Safe—positive—and instant operation.

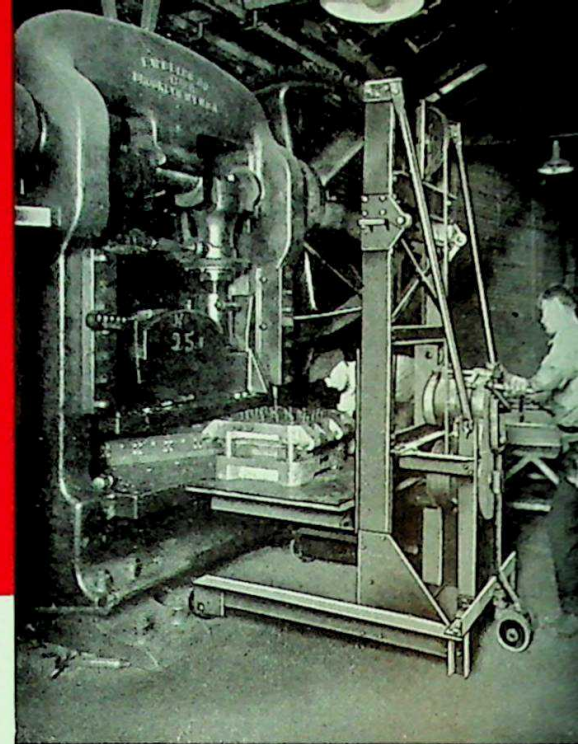
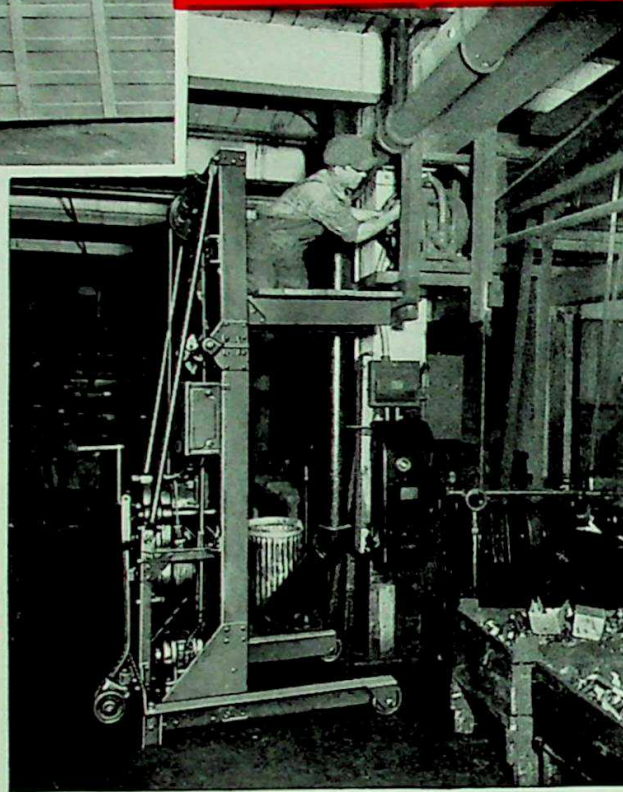


A FEW USES

CRATES
DIES
BAGS
ROLLS
MOTORS

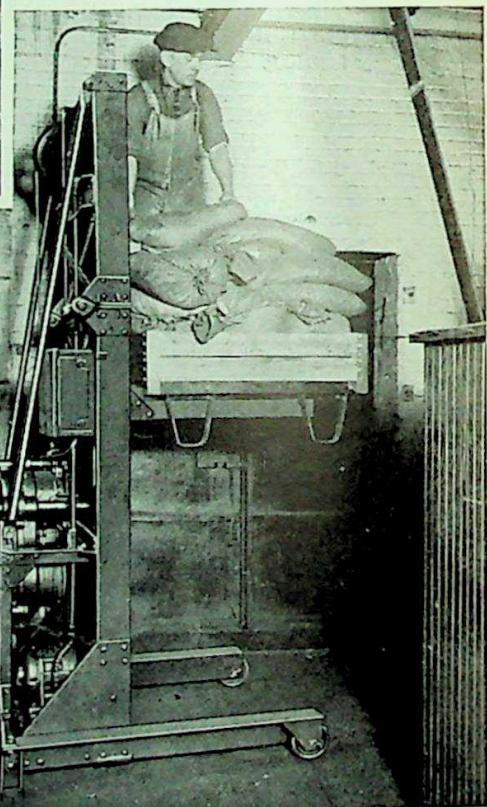
385E. NO PLACE TO HATCH CHICKENS. The incubators shown here are piled 24 feet high by the Buckeye Incubator Company of Springfield, Ohio. Here they stay until ordered out. Being a seasonal business incubators must be made and stored in advance.

386. HANGING A MOTOR WITH A BARRETT. Hanging motors usually requires building a scaffold, rigging up a hoist or some other make-shift arrangement. If you own a Barrett Elevator it can be used on these odd jobs.

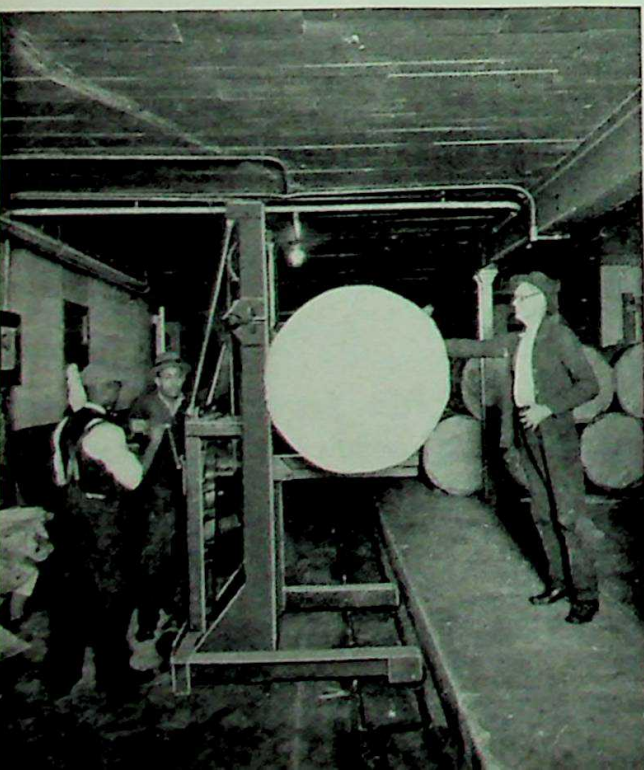
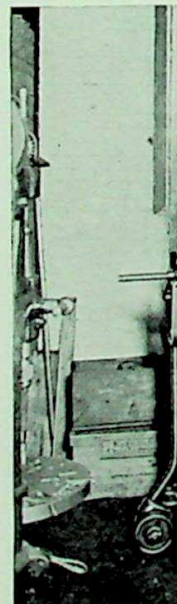


321. HANDLING HEAVY EXPENSIVE DIES. All of us can hark back to the days when three and four men had to be called from other jobs to help handle a heavy die. Now one man and a Barrett Elevator do the job in safety—both to the die and the man. Federal Motor Truck Company of Detroit use two Barrett Elevators for this work.

387. IN THE HOPPER IT MUST GO. This man is filling the hopper direct from his Barrett Elevator. With the elevator he picks up a loaded lift-truck skid, raises it to the lip of the hopper and then proceeds to dump things out.



360. HANDLING ROLLS ON A TWO-POST ELEVATOR. The Louisville Herald uses a hand operated two-post Barrett Elevator to store their rolls of paper stock.



TELESCOPIC ELEVATORS

HAND OR ELECTRIC OPERATED

There are two types of elevator structure—the Hinged and Telescopic designs. The hinged type consists of one set of uprights which, when passing through a door or under any low overhead obstruction, must be folded or hinged down. If conditions necessitate this folding operation often, it becomes a nuisance—wastes time and labor—producing a situation that can be avoided by using the Telescopic Elevator.

The Telescopic Type Elevator has two or more sets of uprights—all of which are low enough to pass under the lowest overhead obstruction—without manually folding or hinging down any section. In operation the platform moves up first. When it reaches the top of the first upright a point of contact is made and the second upright automatically carries the load upward to the desired height. It returns to the floor in the same way—first the upright “telescopes” down and then the platform.

The advantages of telescopic elevators are easily understood. Doors, overhead pipes and beams, balconys, ramps, floor to floor elevators, and other structural overhead obstructions may vary the ceiling height—but a Barrett Telescopic Elevator rolls under them all. It permits ceiling high piling of materials regardless of those varying heights—thereby using every bit of available overhead space. And it saves the time and labor that those conditions would produce by the use of a hinged type elevator.

Because of the extra sets of uprights, telescopic elevators are heavier than the hinge type. Yet they are staunchly built—operate with smooth, almost silent, efficient power—and actually buy their way into your organization with the saving in time and labor their use puts into effect. They may be had to operate with either hand or electrical power, with any piling height, size platform and in any capacity.

See the large illustration on page 118 for applications of this type Portable Elevator.



TELESCOPIC

The handy feature that makes the Telescopic design so perfect a Portable Elevator is the way it rolls through doorways and under overhead obstructions. Collapsed, it is a neat, compact machine—sturdy as a battleship. Extended in two or three sections, it can be built to reach any height within reason. There is no need to un hinge or "break" the elevator—it's built to roll under.

371E

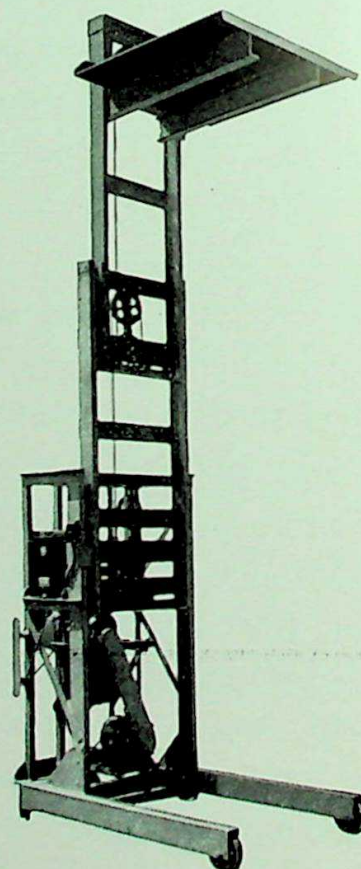
A Double Telescopic Elevator is shown below. The other illustrations on this page demonstrate the skill of these men and a Barrett Telescopic Elevator in piling cased enamel ware—Bathtubs—Kitchen Stoves—and Sinks "ceiling high." In designing a Telescopic Elevator to suit the particular requirements of your work—trained Barrett Engineers are at your service. These men have a wealth of handling equipment data at their command that dates back for over a quarter of a century—data that is a real necessity in building a particular machine for a particular job.

372E

370E



407E



ELEVATORS

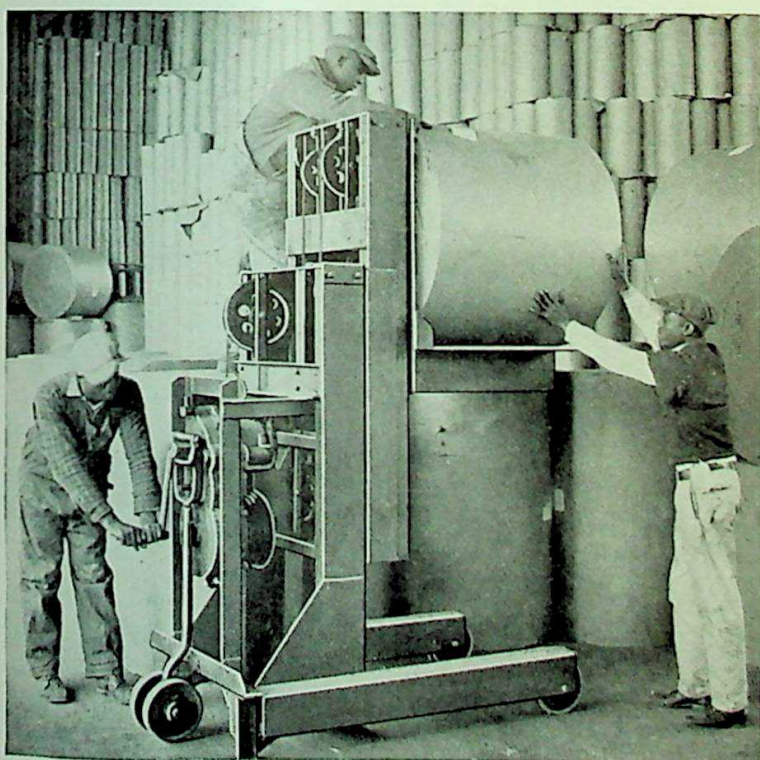
Barrett Telescopic Elevators are always demonstrating their ability to get into places and handle hard work. No overhead obstruction seems too low for them to roll under. Those big rolls of paper are going up on a hand operated Barrett Telescopic Elevator. The neat job of piling shows up in the background.

On the right a fully extended Telescopic Elevator reaches to the second floor and is at times used for floor to floor work. Just below it the Telescopic Elevator piles heavy cases in a big warehouse. In warehouses like this with rooms of various ceiling heights it does its best work.

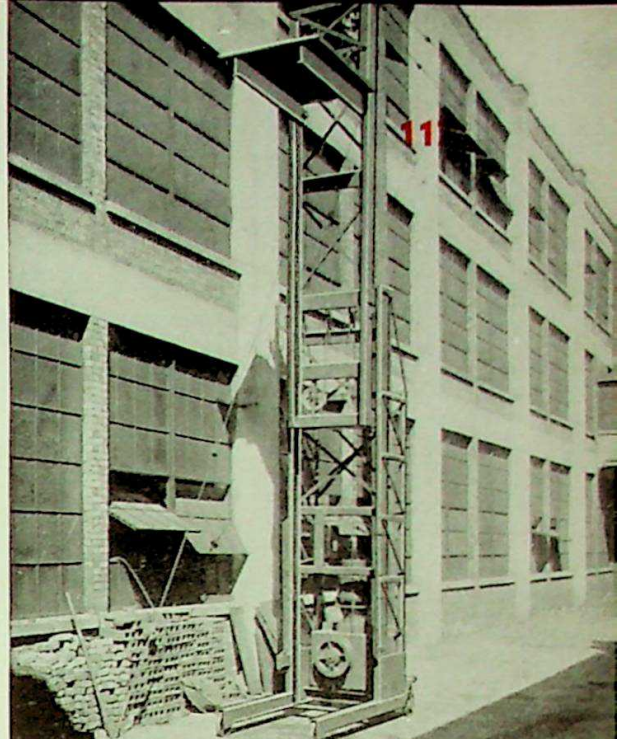
Another excellent example of a situation that needs a Barrett Telescopic Elevator is the lower illustration. Those overhead beams prohibit the use of a hinge type elevator. But the Telescopic piles those heavy rolls of paper "ceiling high" without a bit of extra effort, traveling under beams, through doorways and under other low overhead obstructions.

When no other portable elevator will fit the job, depend on a Barrett Telescopic unit with single, double or triple frames to satisfactorily solve your piling problems.

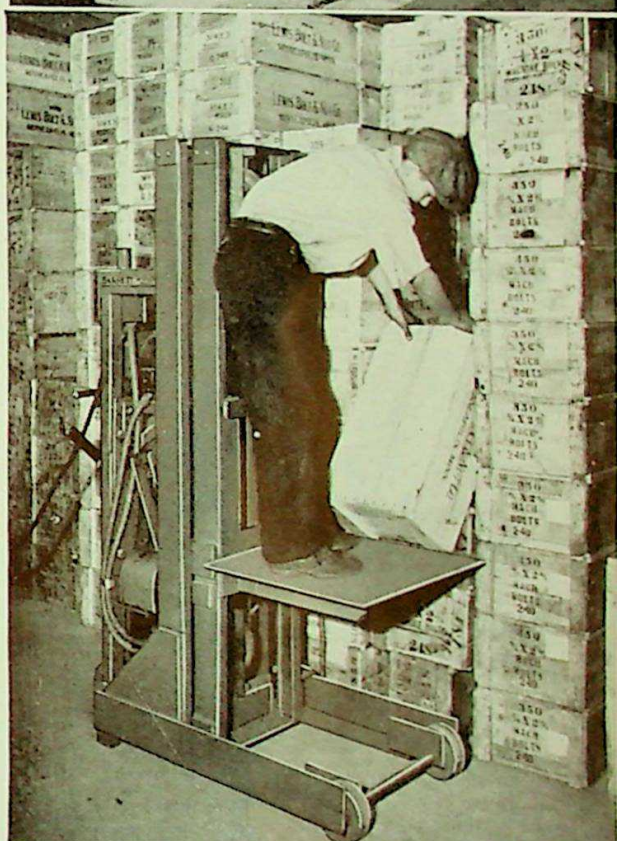
357E



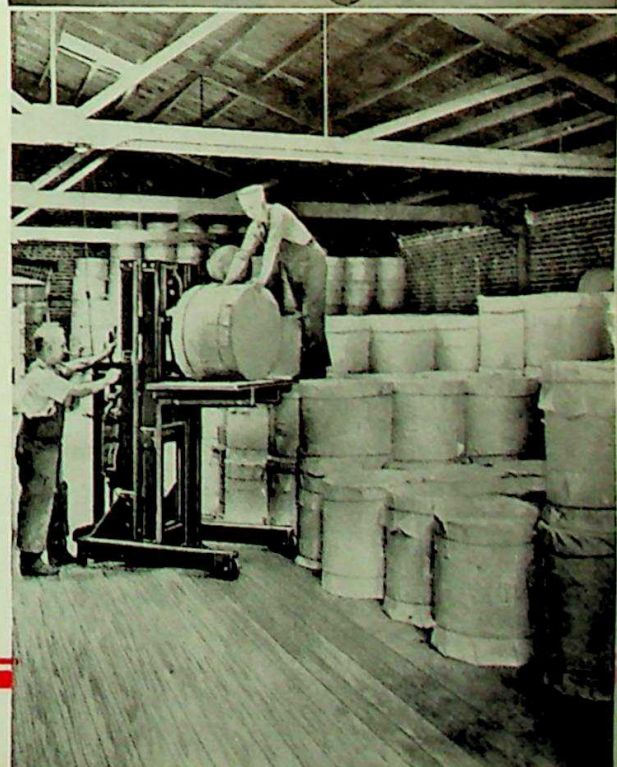
392E



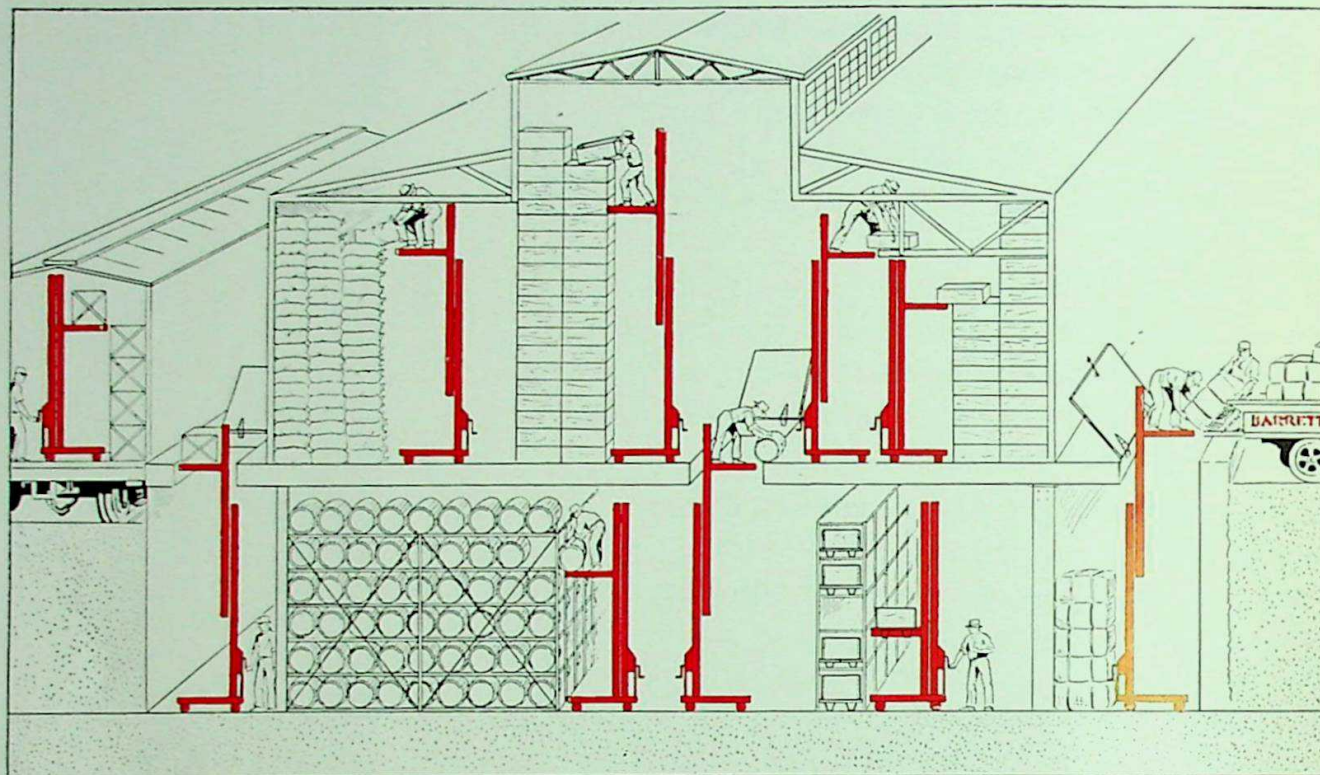
317E



358E



TELESCOPIC ELEVATORS (Continued)



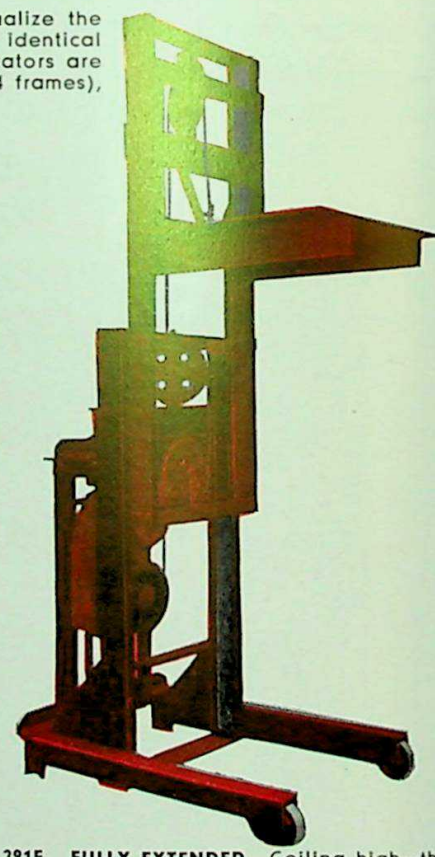
374E. NINE COMMON USES FOR A TELESCOPIC ELEVATOR. This picture enables you to visualize the practical application of the telescopic elevator. All the elevators in the diagram are of identical height—measure them—yet they operate under a wide variety of conditions. Telescopic Elevators are furnished single telescopic (2 frames), double telescopic (3 frames), and triple telescopic (4 frames), depending on necessary minimum height and desired lifting height. See next 2 pages.



375E. COMPLETELY COLLAPSED. In this position the telescopic elevator will roll under any reasonable overhead obstruction. Built with rugged sturdy lines. It is ready to pile heavy material ceiling high.



376E. THE PLATFORM RAISED. In the first lifting step only the platform moves upward. But at the top—the point of contact—the platform stops—and the uprights continue lifting the load by a telescoping process carrying the platform along.



391E. FULLY EXTENDED. Ceiling high—the point of contact has been reached and the uprights carry the load on and up to any desired height. It returns to the floor in the same way—first the uprights telescope down and then the platform continues the trip.

TELESCOPIC ELEVATOR

SPECIFICATIONS

The following tables denote the overall and lifting heights available for the collapsed heights indicated in the extreme left hand vertical columns of each table.

TABLE No. 1

Col- lapsed Height	*Platform 30" Long							
	500 and 750 Lb. Capacity		1000 Lb. Capacity		1500 Lb. Capacity		2000 Lb. Capacity	
	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.
4'	5'11"	4'7"	5'6"	3'10"	5'2"	3'2"	5'	3'
4'6"	6'11"	5'7"	6'6"	4'10"	6'2"	4'2"	6'	4'
5'	7'11"	6'7"	7'6"	5'10"	7'2"	5'2"	7'	5'
5'6"	8'11"	7'7"	8'6"	6'10"	8'2"	6'2"	8'	6'
6'	9'11"	8'7"	9'6"	7'10"	9'2"	7'2"	9'	7'
6'6"	10'11"	9'7"	10'6"	8'10"	10'2"	8'2"	10'	8'
7'	11'11"	10'7"	11'6"	9'10"	11'2"	9'2"	11'	9'
7'6"	12'11"	11'7"	12'6"	10'10"	12'2"	10'2"	12'	10'
8'	13'11"	12'7"	13'6"	11'10"	13'2"	11'2"	13'	11'
8'6"	14'11"	13'7"	14'6"	12'10"	14'2"	12'2"	14'	12'
9'	15'11"	14'7"	15'6"	13'10"	15'2"	13'2"	15'	13'
9'6"	16'11"	15'7"	16'6"	14'10"	16'2"	14'2"	16'	14'
10'	17'11"	16'7"	17'6"	15'10"	17'2"	15'2"	17'	15'
11'	18'11"	17'7"	18'6"	16'10"	18'2"	16'2"	18'	16'

*Forks 30" long. Any width up to 72". Base same width as platform.
O. H.—Overall Height with Telescopic Frame Up.
L. H.—Lifting Height, Telescopic Frame Up.
Add 2" to lifting height if platform is equipped with roller sections.
Subtract 2" from lifting height if electric.

TABLE No. 2

Col- lapsed Height	*Platform 36" Long							
	500 and 750 Lb. Capacity		1000 Lb. Capacity		1500 Lb. Capacity		2000 Lb. Capacity	
	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.
4'	5'9"	4'3"	5'4"	3'6"	5'	2'10"	4'10"	2'8"
4'6"	6'9"	5'3"	6'4"	4'6"	6'	3'10"	5'10"	3'8"
5'	7'9"	6'3"	7'4"	5'6"	7'	4'10"	6'10"	4'8"
5'6"	8'9"	7'3"	8'4"	6'6"	8'	5'10"	7'10"	5'8"
6'	9'9"	8'3"	9'4"	7'6"	9'	6'10"	8'10"	6'8"
6'6"	10'9"	9'3"	10'4"	8'6"	10'	7'10"	9'10"	7'8"
7'	11'9"	10'3"	11'4"	9'6"	11'	8'10"	10'10"	8'8"
7'6"	12'9"	11'3"	12'4"	10'6"	12'	9'10"	11'10"	9'8"
8'	13'9"	12'3"	13'4"	11'6"	13'	10'10"	12'10"	10'8"
8'6"	14'9"	13'3"	14'4"	12'6"	14'	11'10"	13'10"	11'8"
9'	15'9"	14'3"	15'4"	13'6"	15'	12'10"	14'10"	12'8"
9'6"	16'9"	15'3"	16'4"	14'6"	16'	13'10"	15'10"	13'8"
10'	17'9"	16'3"	17'4"	15'6"	17'	14'10"	16'10"	14'8"
11'	18'9"	17'3"	18'4"	16'6"	18'	15'10"	17'10"	15'8"

*Forks 36" long. Any width up to 72". Base same width as platform.
O. H.—Overall Height with Telescopic Frame Up.
L. H.—Lifting Height, Telescopic Frame Up.
Add 2" to lifting height if platform is equipped with roller sections.
Subtract 2" from lifting height if electric.

TABLE No. 3

Collapsed Height	*Platform 42" Long					
	500 and 750 Lb. Capacity		1000 Lb. Capacity		1500 and 2000 Lb. Capacity	
	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.
4'	5'7"	3'11"	5'2"	3'2"	4'8"	2'4"
4'6"	6'7"	4'11"	6'2"	4'2"	5'8"	3'4"
5'	7'7"	5'11"	7'2"	5'2"	6'8"	4'4"
5'6"	8'7"	6'11"	8'2"	6'2"	7'8"	5'4"
6'	9'7"	7'11"	9'2"	7'2"	8'8"	6'4"
6'6"	10'7"	8'11"	10'2"	8'2"	9'8"	7'4"
7'	11'7"	9'11"	11'2"	9'2"	10'8"	8'4"
7'6"	12'7"	10'11"	12'2"	10'2"	11'8"	9'4"
8'	13'7"	11'11"	13'2"	11'2"	12'8"	10'4"
8'6"	14'7"	12'11"	14'2"	12'2"	13'8"	11'4"
9'	15'7"	13'11"	15'2"	13'2"	14'8"	12'4"
9'6"	16'7"	14'11"	16'2"	14'2"	15'8"	13'4"
10'	17'7"	15'11"	17'2"	15'2"	16'8"	14'4"
11'	18'7"	16'11"	18'2"	16'2"	17'8"	15'4"

*Forks 42" long. Any width up to 72". Base same width as platform.
O. H.—Overall Height with Telescopic Frame Up.
L. H.—Lifting Height, Telescopic Frame Up.
Add 2" to lifting height if platform is equipped with roller sections.
Subtract 2" from lifting height if electric.

TABLE No. 4

Col- lapsed Height	*Platform 48" Long							
	500 Lb. Capacity		750 Lb. Capacity		1000 Lb. Capacity		1500 & 2000 Lb. Capacity	
	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.	O. H.	L. H.
4'	5'5"	3'7"	5'4"	3'6"	5'	2'10"	4'6"	2'
4'6"	6'5"	4'7"	6'4"	4'6"	6'	3'10"	5'6"	3'
5'	7'5"	5'7"	7'4"	5'6"	7'	4'10"	6'6"	4'
5'6"	8'5"	6'7"	8'4"	6'6"	8'	5'10"	7'6"	5'
6'	9'5"	7'7"	9'4"	7'6"	9'	6'10"	8'6"	6'
6'6"	10'5"	8'7"	10'4"	8'6"	10'	7'10"	9'6"	7'
7'	11'5"	9'7"	11'4"	9'6"	11'	8'10"	10'6"	8'
7'6"	12'5"	10'7"	12'4"	10'6"	12'	9'10"	11'6"	9'
8'	13'5"	11'7"	13'4"	11'6"	13'	10'10"	12'6"	10'
8'6"	14'5"	12'7"	14'4"	12'6"	14'	11'10"	13'6"	11'
9'	15'5"	13'7"	15'4"	13'6"	15'	12'10"	14'6"	12'
9'6"	16'5"	14'7"	16'4"	14'6"	16'	13'10"	15'6"	13'
10'	17'5"	15'7"	17'4"	15'6"	17'	14'10"	16'6"	14'
11'	18'5"	16'7"	18'4"	16'6"	18'	15'10"	17'6"	15'

*Forks 48" long. Any width up to 72". Base same width as platform.
O. H.—Overall Height with Telescopic Frame Up.
L. H.—Lifting Height, Telescopic Frame Up.
Add 2" to lifting height if platform is equipped with roller sections.
Subtract 2" from lifting height if electric.

TRIPLE

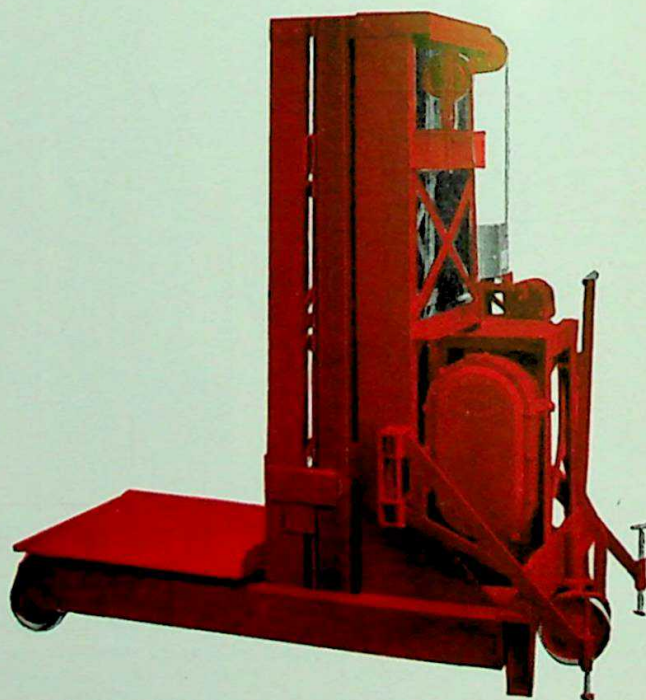
TELESCOPIC ELEVATOR

This Triple Telescopic Elevator is an excellent example of telescopic elevator construction. It was designed and built by Barrett Engineers to meet the requirements of an Eastern carpet company. From a collapsed height of 7 feet, it soars on four separate sections to a lifting height of 20 feet with an overall height of 22 feet. The platform is 36 inches square and it has a lifting capacity of 1,500 pounds. It is electrically powered by a 2-Horsepower — 550-Volt — 3-Phase — 60-Cycle Motor. This machine is used daily. It passes under the lowest overhead obstruction. And it is easily moved about the plant doing its piling and storing work at an enormous saving in time and labor.

In the handling of equipment and material, in storing or shipping merchandise, Barrett Handling Equipment reduces handling costs to a minimum. A Barrett representative can place at your service a wealth of material regarding new and better ways to handle your product. By calling upon him for this assistance, you in no way obligate yourself or your company.



681E. Fully extended to its maximum overall lifting height.



605E. Completely collapsed to a minimum lowered position.

PALLET ELEVATORS

FORK TYPE

APPLICATION—Just the thing to double and triple deck pallets of strip steel, tin-plate and other materials shipped on the low 4" pallets.

OPERATION—Hand or electric. Guide the elevator under the pallet and crank the load up—easy and safe. When the load is raised high enough, run the elevator into load resting on the floor—opening the brake lowers the load gently. Loads can be tiered tight against one another.

CONSTRUCTION—Forked type. Forks 15" wide overall and 3½" high in lowered position. Will handle pallets with 2 or 3 stringers. Hand operated unit has 2-hand speeds, governor control, spur gears enclosed and running in oil. Electric type is ball bearing and has cable control, electric solenoid brake, thermal overload switch, top and bottom limit stops and 25' of electric cable. Any capacity.

SPECIFICATIONS

(3000 Lb. Capacity Elevator)

Overall height (or to suit).....	6' 6"
Lifting height (or to suit).....	4' 2"
Lifting forks—Length	24"
Width	5"
Distance between	5"
Height—lowered	3½"
Base—fork type—Width	15"
Length	42" or 46"
Height	3½"
Wheel diameter—Front	9"
Rear	3½"

Cut spur gears totally enclosed and running in oil. Welded construction. Zerk Lubricating System. Hoist—three point suspension. Finish—red lacquer.

HAND

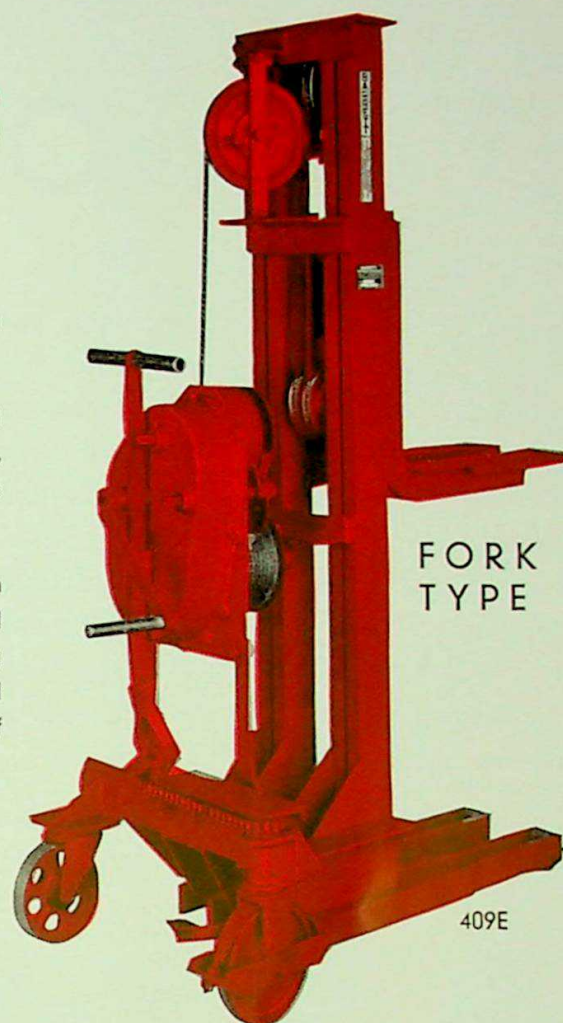
Two Hand Speeds
Governor Control
Hyatt Equipped Sheaves
and Floor Wheels
Automatic Hinges

ELECTRIC

Ball Bearing Hoist
Ball Bearing Motor
Direct Motor Drive
Thermal Overload Switch
Cable Control
Top and Bottom Limit Stops
25' 0" of Cable

CAPACITIES

2000 lbs.
3000 lbs.
4000 lbs.
5000 lbs.



FORK
TYPE

STRADDLE TYPE (Below)

This type, while less expensive, can only be used where sufficient floor space is available to allow 6" between each pile or tier of pallets. The base legs—instead of running under the pallet as in the case of the Fork Type—straddle or run outside of the pallet. Hence, 6" must be left for the base legs between each tier of loaded pallets.

APPLICATION—Same as fork type.

OPERATION—Same as fork type.

CONSTRUCTION—Straddle type. Fork 15" wide overall and 3½" high in lowered position. Base 10" high and 30" or more wide. Base legs 3½" wide.

SPECIFICATIONS

(3000 Lb. Capacity Elevator)

Overall height (or to suit).....	6' 6"
Lifting height (or to suit).....	4' 2"
Lifting forks—Length	24"
Width	5"
Distance between	5"
Height—lowered	3½"
Base—Width	43"
Length	42" or 48"
Height	10"
Wheel diameter—Front	9"
Rear	9"

Cut spur gears totally enclosed and running in oil. Welded construction. Hoist—3 point suspension. Zerk Lubricating System. Finish—red lacquer.

HAND

Two Hand Speeds
Governor Control
Hyatt Equipped Sheaves
and Floor Wheels
Automatic Hinges

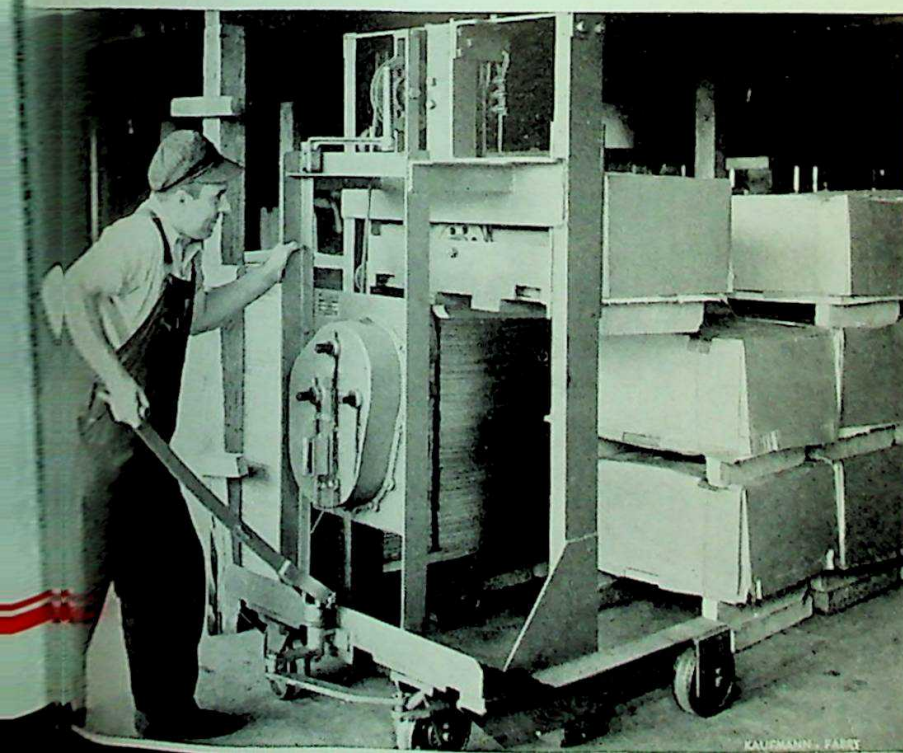
ELECTRIC

Ball Bearing Hoist
Ball Bearing Motor
Direct Motor Drive
Thermal Overload Switch
Cable Control
Top and Bottom Limit Stops
25' 0" of Cable

410E

Straddle Type

FOR OTHER PALLET EQUIPMENT
SEE PAGES 46, 47, 48, 49 AND 56.



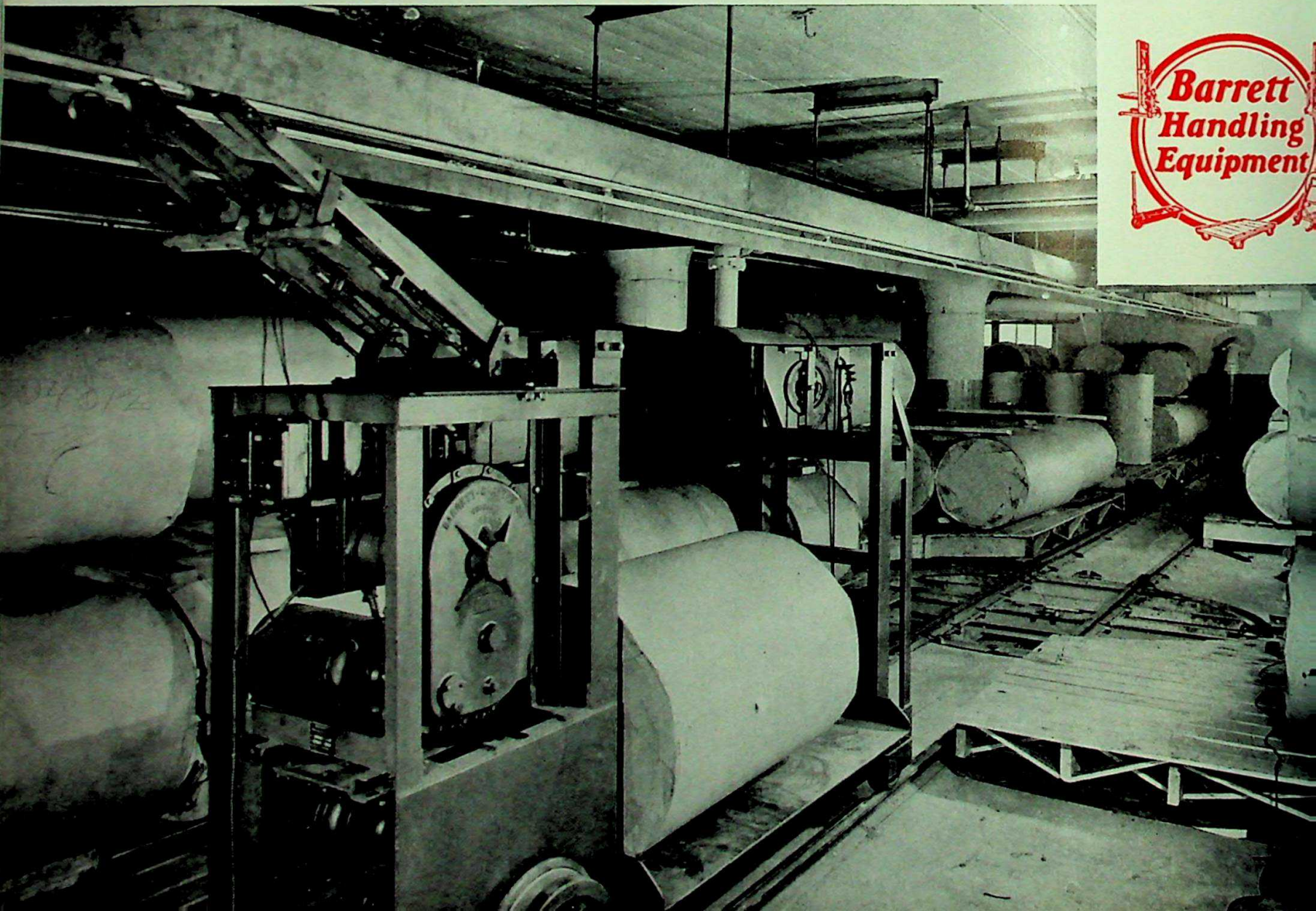
FOUR POST ELEVATORS

406E. As a convenience for the satisfactory handling of large rolls of paper, hogsheads, fibre-board, veneer and other commodities of great weight or length, we have designed the 4-POST Elevator. Successful installations in large newspaper plants and other industries more than substantiate the economy possible through the use of this type elevator in the handling of heavy rolls. The saving is actually two-fold—spoilage is eliminated and a great saving of space accomplished.

There are no general specifications covering

this type of elevator, as each one is constructed to meet the particular conditions of your plant. Size of platform and piling height are optional. Capacities range from 500 to 5,000 pounds. Both hinged or telescopic construction are used. It may be hand or electrically operated. And built to be pulled over the ordinary floor or to run on a narrow gauge track under its own power.

When a four-post elevator is under consideration an experienced Barrett Engineer will provide full information on the subject that will prove to be invaluable.



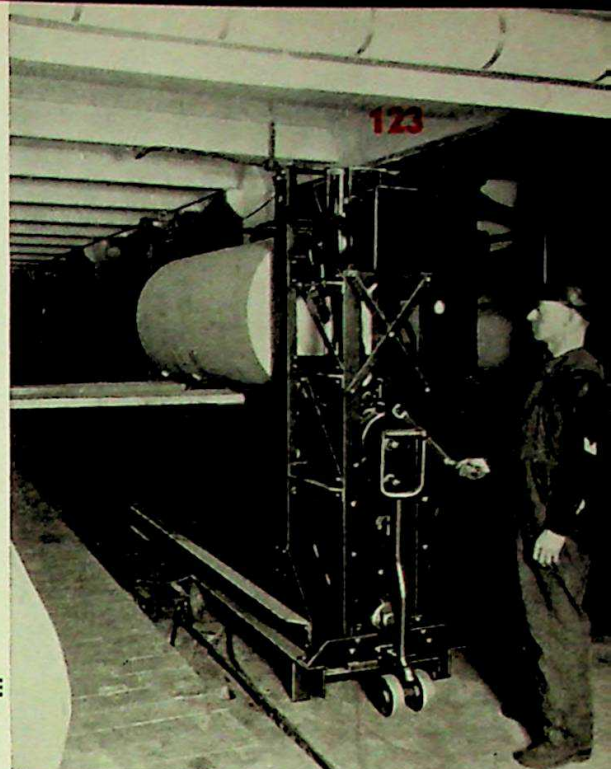
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359E. (ON THE RIGHT—TOP). A FOUR-POST BARRETT ELEVATOR. The Dayton News Company use a 4-Post Barrett Elevator to triple deck their stock of paper rolls. Electrically operated.

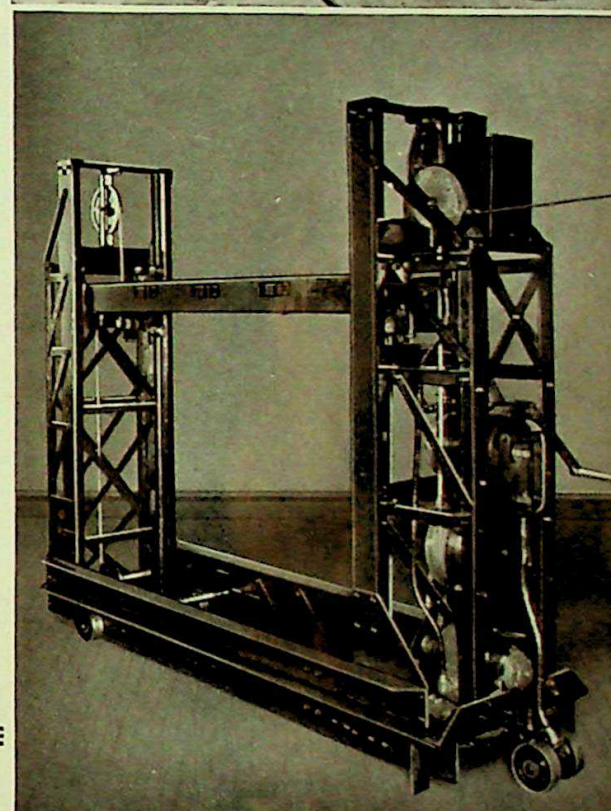
361E. (ON THE RIGHT—CENTER). THE FOUR-POST ELEVATOR. Just to give you an idea as to the size of a 4-Post Elevator. This type machine can be made large enough to handle the largest rolls. When the direction of travel is in a straight line, the elevator can be made to propel itself from a third rail.

373E. (ON THE RIGHT—BOTTOM). A DOUBLE TELESCOPIC 4-POST ELEVATOR. Here two distinct types of construction are worked into one elevator. The 4-Post type and the telescopic construction. This elevator was designed for a Mausoleum—to place caskets into crypts.

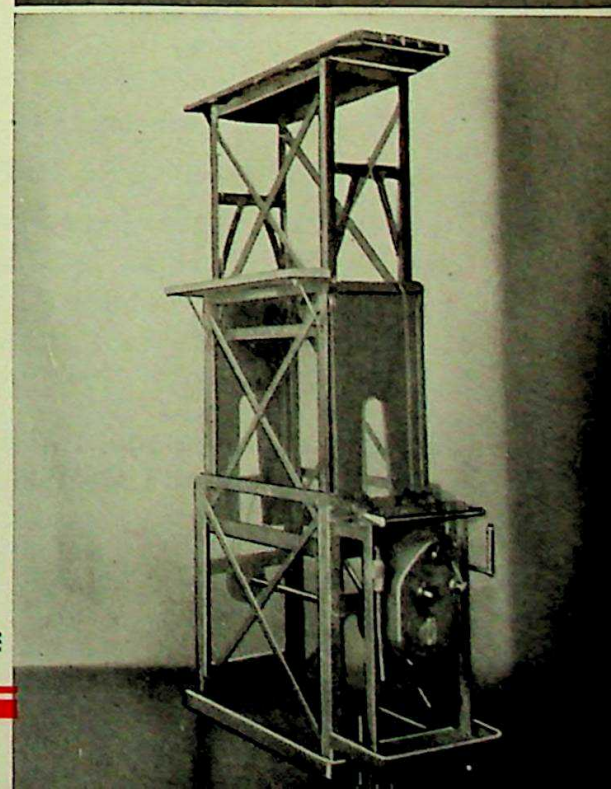
393E. THE LARGEST PORTABLE ELEVATOR EVER BUILT (AS SHOWN BELOW). Designed by Barrett for the Celotex Company It raises a load 15 feet in the air. Capacity 8,000 pounds. Overall length 18 feet; overall height 24 feet; overall width 9 feet. An electric lift-truck with a 4,000-pound load is raised on this elevator to a 15-foot height.



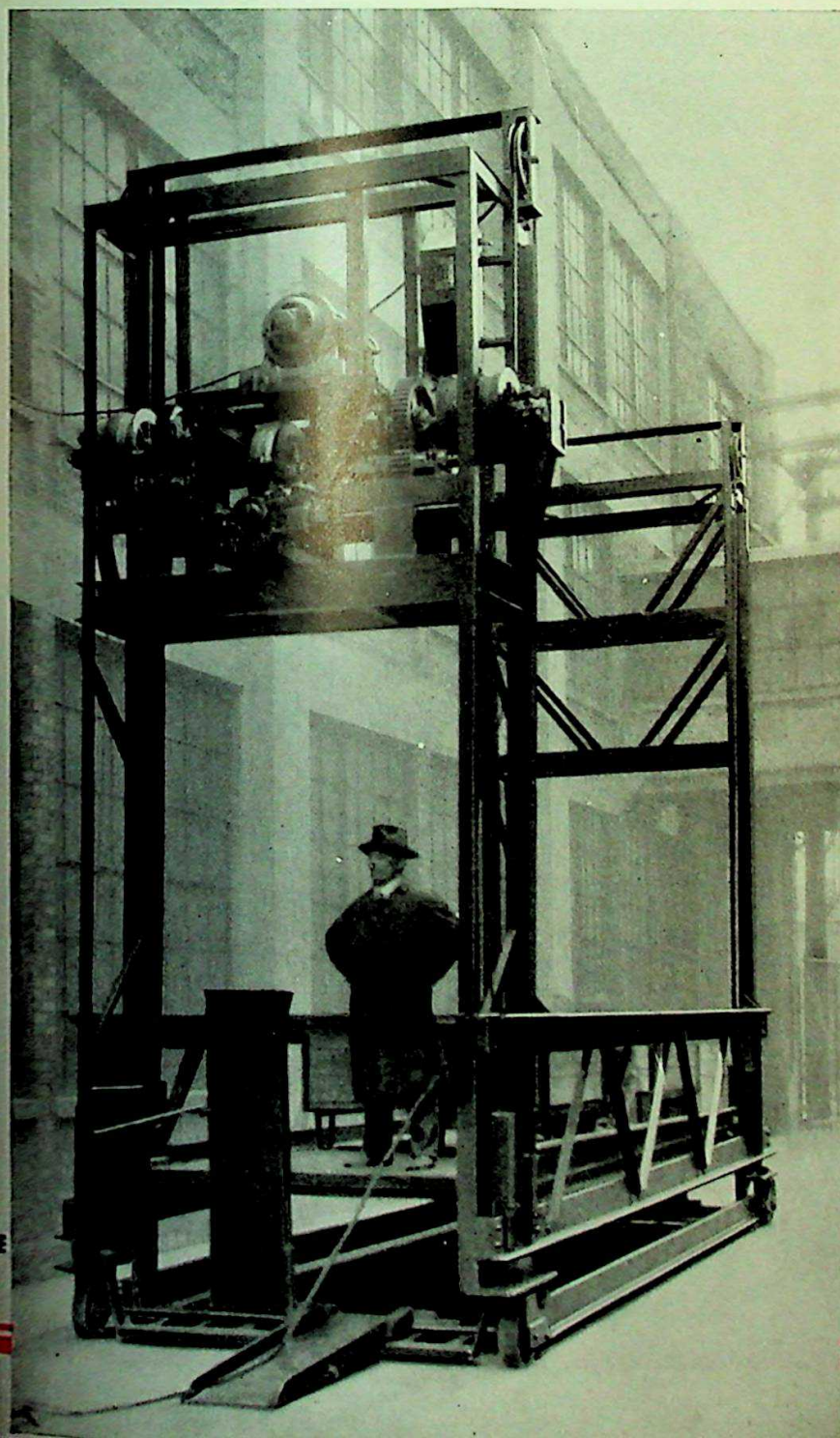
359E



361E



373E



393E

BARREL ELEVATORS

LOW PLATFORM 2½"

In the Barrel Portable Elevator, Barrett has designed a new and easier way to handle filled barrels and drums. The platform in the lowered position is only 2½ inches above the floor. A beveled incline enables operators to easily load the barrels by simply rolling them up on the platform. They are then lifted to any desired height for piling or racking.

This type of elevator is especially suited for distilleries, rectifiers, and oil refiners where barrel handling really is a problem. If necessary, it can be equipped with vapor-proof and explosion-proof motors.



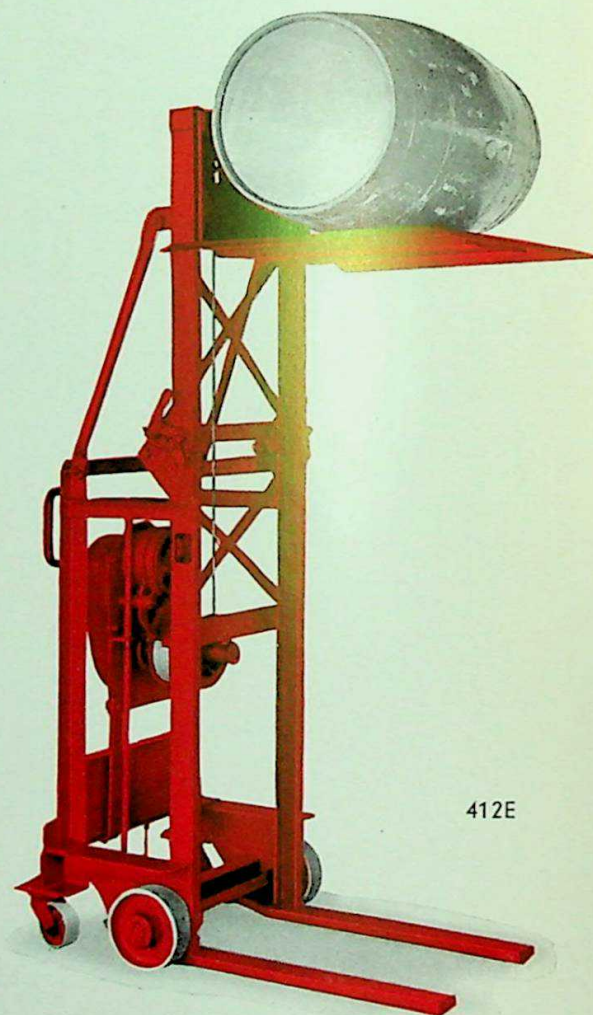
623E

It is available in any capacity, hand or electrically operated, and with any size platform and piling height desired. This machine contains all the Barrett Features:

1. Enclosed Gears.
2. Hyatt Equipped Sheaves and Base Wheels.
3. Governor Control.
4. In the Electric Type.
5. Ball Bearing Hoist.
6. Direct Motor Drive.
7. Electric Solenoid Brake.
8. Thermal Overload Switch.

It is the ideal equipment to be used in connection with the Barrett Barrel Rack System. Barrett Sales Engineers can present you with interesting information regarding the safe storage and handling of barrels.

On the following page, two other types, of equal interest, of Barrett Barrel Elevators are illustrated and described.



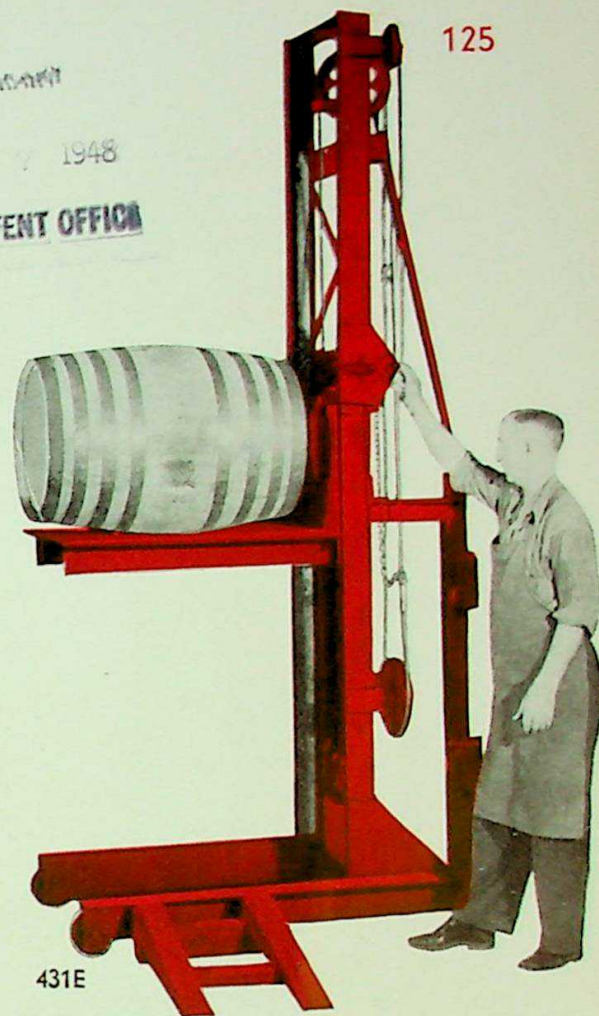
412E

BARREL ELEVATORS

STANDARD PLATFORMS

431E. For the convenience of the owner and operator Barrel Elevators are built with different platforms—Standard—Low—and Selective. The Standard Platform Elevator is usually 7" high in the lowered position and is equipped with a special inclined runway up which the barrel may be rolled or skidded. Obviously, it requires a little more labor to load and unload barrels on this 7" high standard type.

It is available in any capacity, hand or electrically operated, and with any size platform and piling height desired. All the Barrett Features—fully enclosed gears—Hyatt equipped sheaves and base wheels, governor control, and in the electric, the Ball Bearing Hoist with direct motor drive, Thermal overload switch, etc., are standard.



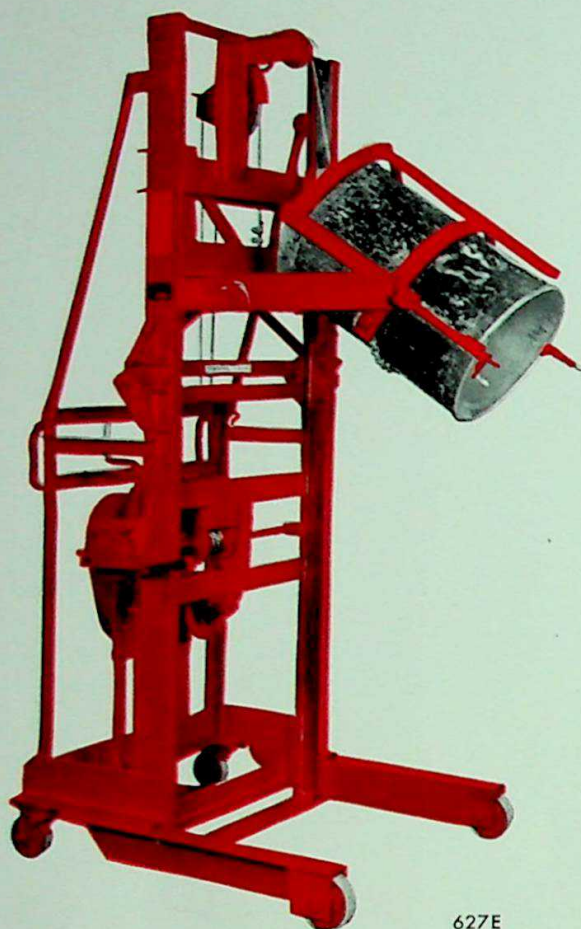
431E

SELECTIVE TYPE



354AE. The Selective Type Barrel Elevator is the most convenient barrel handling machine on the market for handling in and out of drain racks. Its inverted angle forks slide under the barrel and lift it to position on the rack. No need here to roll barrels or drums on elevator platform. The elevator forks pick up the barrel as it rests on the floor. If a barrel is to be removed, the forks again slide under the barrel and lift it off the rack. This eliminates rolling the barrels on the rack and makes the selection of particular barrels easy. It has all the Barrett features—fully enclosed gears—Hyatt equipped sheaves and floor wheels—governor control—and in the electric type—the Ball Bearing Hoist with direct motor drive, cable control, etc., as previously described.

354AE



627E

speed of tilting and emptying is under complete control of the operator at all times. The entire unit is safe and highly efficient.

Barrett Portable Elevators equipped with the special "tilting harness" can be had hand or electrically operated, in any capacity and with any lifting height necessary.

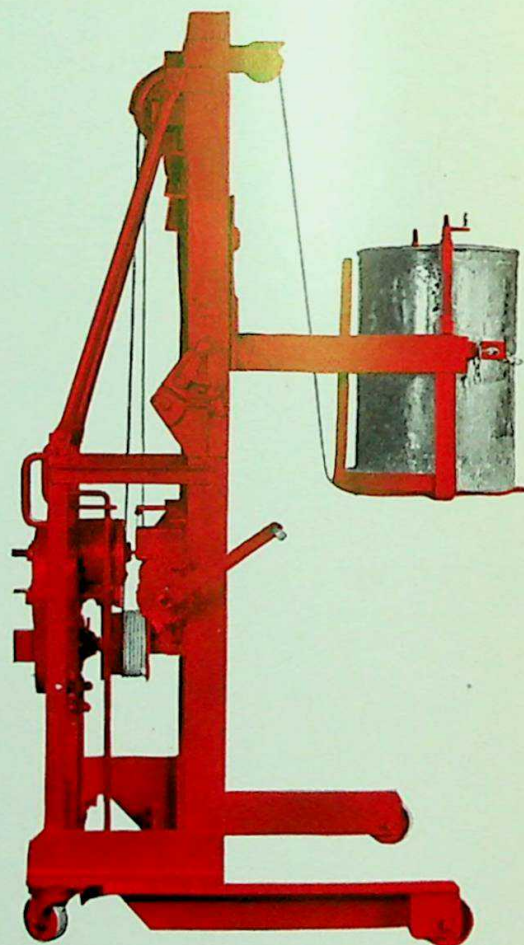
Here, finally, is a unit that will reduce handling costs and minimize hazards. When inquiring, be sure to specify the (a) weight of the loaded container, (b) overall height and diameter, (c) height of hopper into which contents will be poured, and (d) whether a hand or an electrically operated unit is desired.

Modernize this operation in your plant through the use of a Barrett Drum Tilting Elevator and in that way eliminate a hazardous operation.

DRUM & BARREL TILTING PORTABLE ELEVATOR

This is just the unit to raise barrels and drums to the proper height so as to discharge their contents into hoppers, auto trucks, or any other receptacle. One man can accomplish this task with comparative ease with the utmost safety both to himself and those around him.

The drum or barrel is securely fastened to the lifting forks of the Barrett Portable Elevator by means of a "quick acting" harness. Gravity prevents the drum or barrel from tipping while being raised. After it is at the desired height, a tug on a tilting rope tilts the container so that the contents run out. The degree or



628E

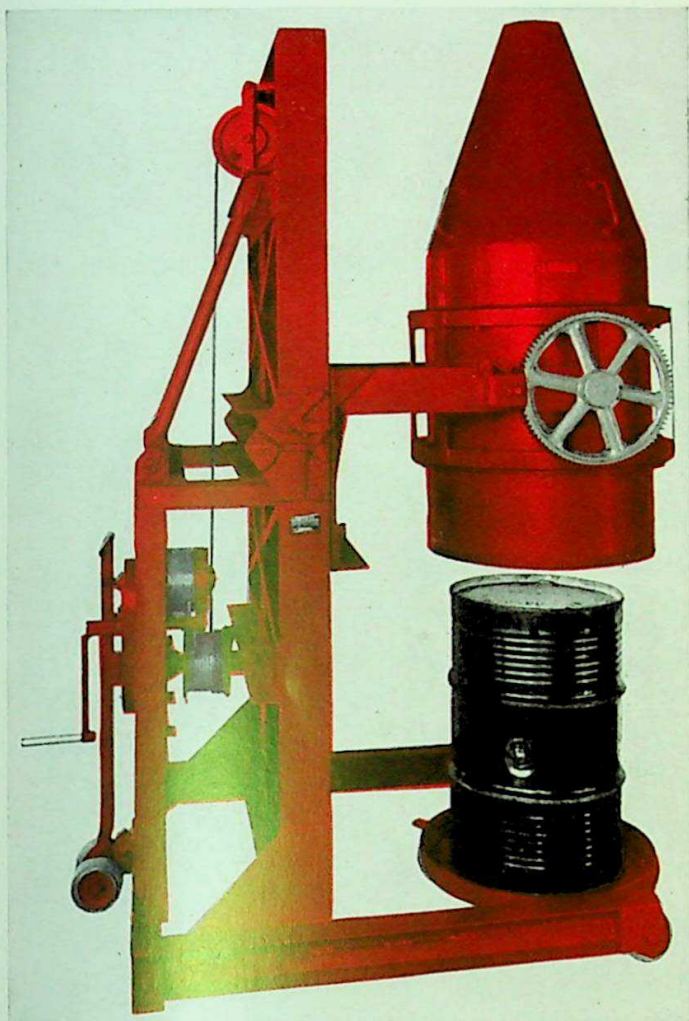
BARREL TILTING ELEVATORS

SUITED TO LIQUIDS AND FINE POWDERS THAT MUST BE DISCHARGED ACCURATELY INTO MIXERS OR VATS.

Here is a tilting elevator that enables one man to empty drums, barrels and other containers into mixers and vats without undue effort and in quick order.

It is the only safe method that at the same time provides a control to the flow of the material to be discharged.

The barrel or drum is set on the "dumping bottle" floor plate. Then the metal "bottle" is lowered under governor control over the drum or barrel. An easy twist of the "bottle" (only a one-quarter turn) securely screws it to the floor plate. The operator then hand cranks the entire unit to the desired height for pouring. When this is reached, the hand crank is removed from the hoisting unit and inserted on the crank shaft of the "tilting unit." Easy turning of the crank tilts the "bottle" and produces the correct amount of flow.



612E. All set to lower the "pouring bottle" over the metal container. The container is properly spotted on the floor plate.

To remove the empty container from the "bottle"—reverse the operation just described.

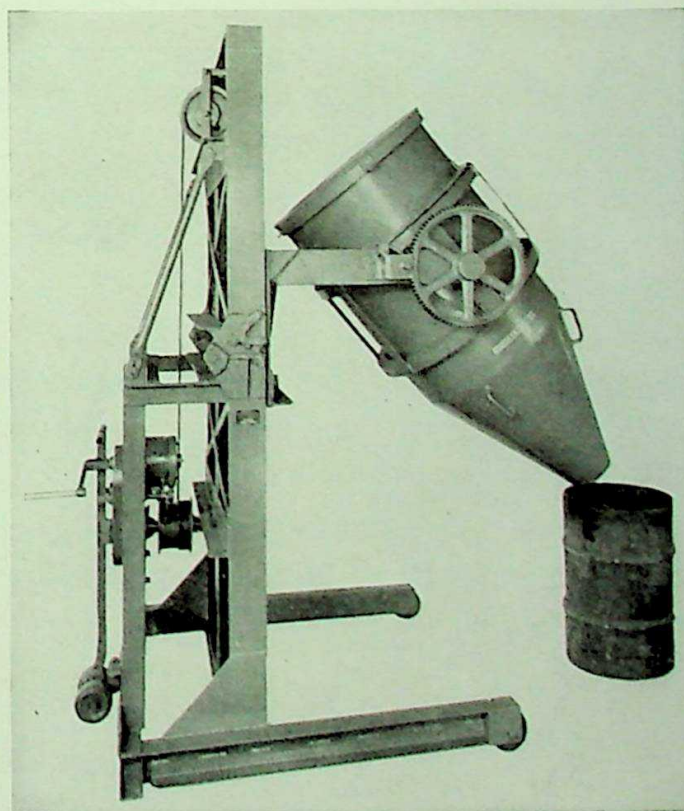
This unit can be had in any capacity, to fit any size container, and with any desired lifting height.

The operation may be hand or electric.

If it is necessary that the elevator be taken from one department to another, or from one building to another, the main frame can be hinged so as to clear ordinary doorways.

Barrett offers other barrel and drum dumping devices, but none as complete, safe and practical as the one pictured here.

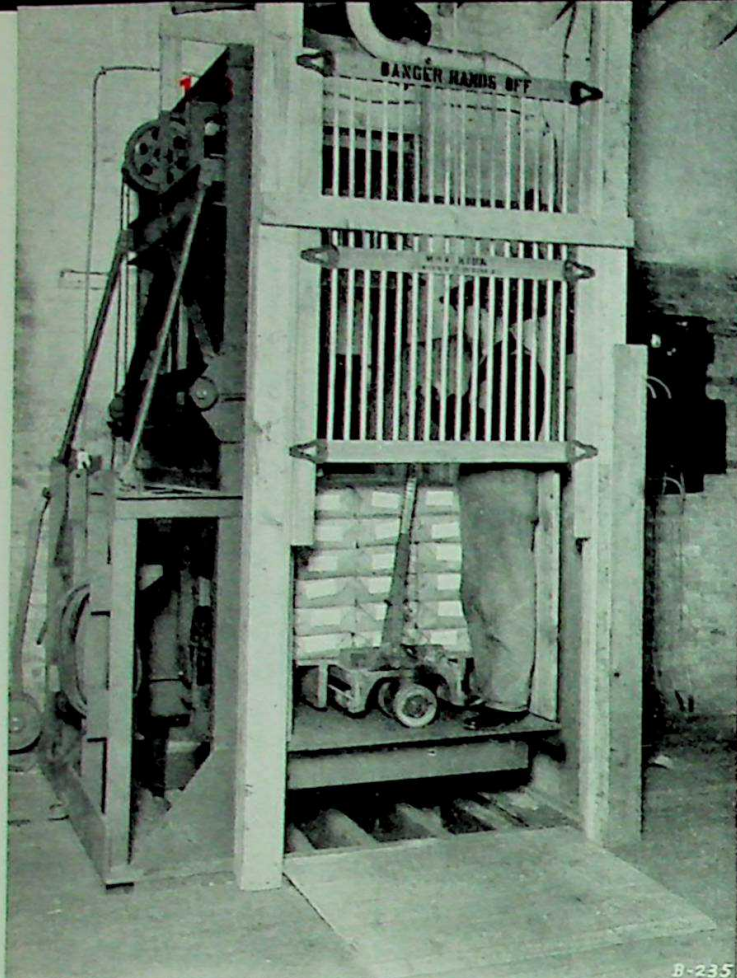
The hoisting unit, whether hand or electrically operated, is a standard Barrett unit, containing all the Barrett features described and illustrated elsewhere in this catalog.



613E. In pouring position—with the container securely locked in the "metal bottle."

FLOOR TO FLOOR ELEVATORS

332E



Smooth — Quick — Action in handling material — Skids—Lift-truck—and Floor-to-Floor Elevator—a combination that warrants a guarantee of safety to the product—reduction in labor costs—and a real saving in time.

correct to negotiate the exact difference existing between one floor level and another. The platform size of the elevator is sufficiently large to accommodate standard size trucks, or lift-truck platforms that have to be taken from one level to another. The capacity of the machine is sufficient to accommodate both the load and the operator.

Special installations of this type are inexpensive, efficient, and give long uninterrupted service with a minimum maintenance cost.

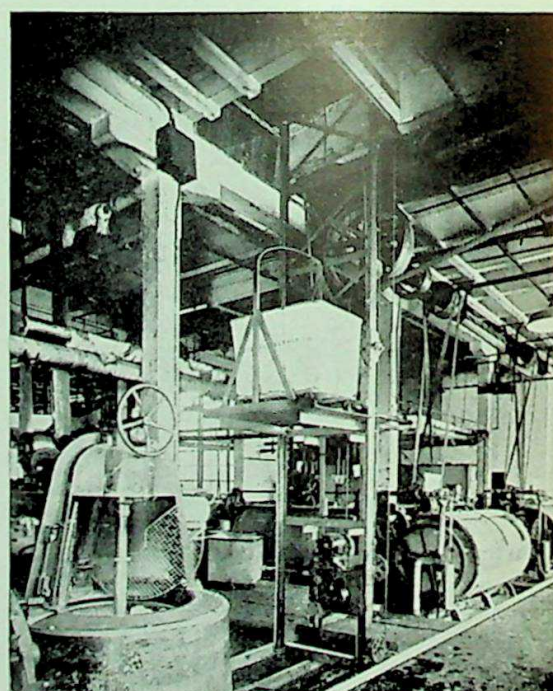
These elevators are available in capacities ranging from 500 to 5,000 lbs.—hand or electrically operated—with any size platform and lifting height necessary to go from one level to another.

Other installations of BARRETT Elevators which have eliminated the old fashioned ramps will be found elsewhere in this book.

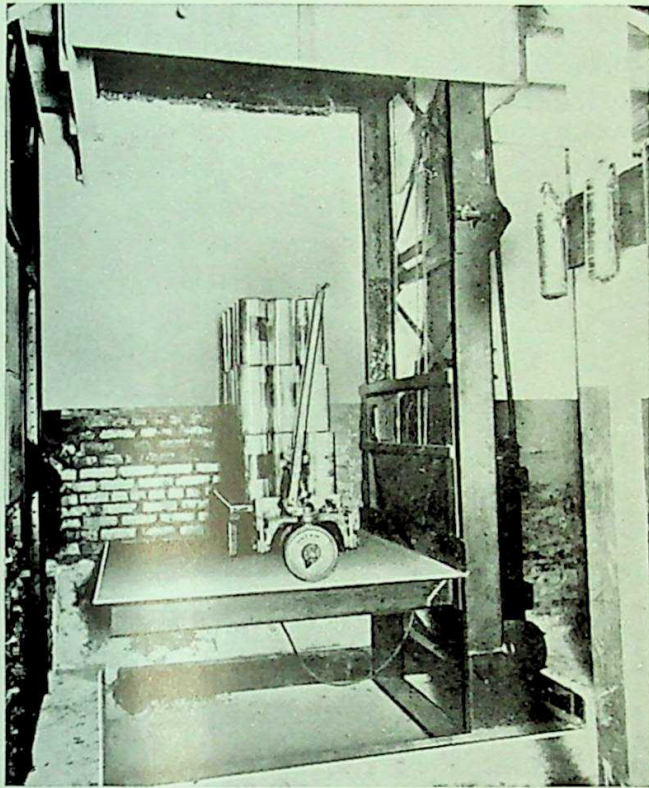
This BARRETT Portable Elevator is permanently installed and equipped with safety gates. The lifting height is

correct to negotiate the exact difference existing between one floor level and another. The platform size of the elevator is sufficiently large to accommodate standard size trucks, or lift-truck platforms that have to be taken from one level to another. The capacity of the machine is sufficient to accommodate both the load and the operator.

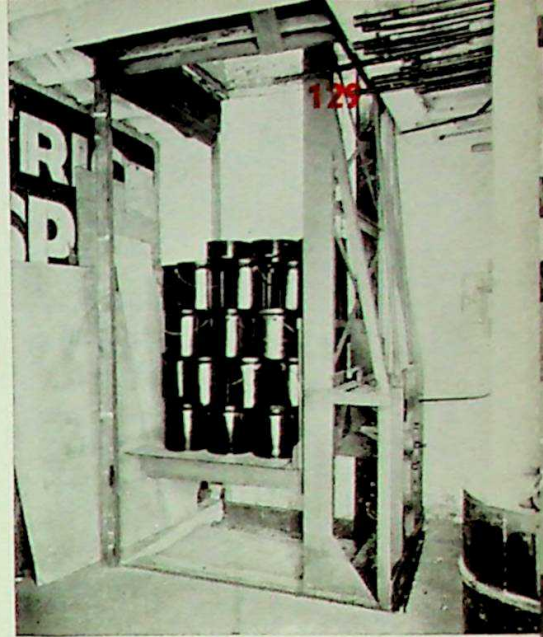
333E



FLOOR TO FLOOR ELEVATORS



336E. These pails are heavy—and it is a long tedious job to carry them upstairs two by two. So the Barrett Elevator is called in on the job by the Vulcan Stamping Company of Chicago.

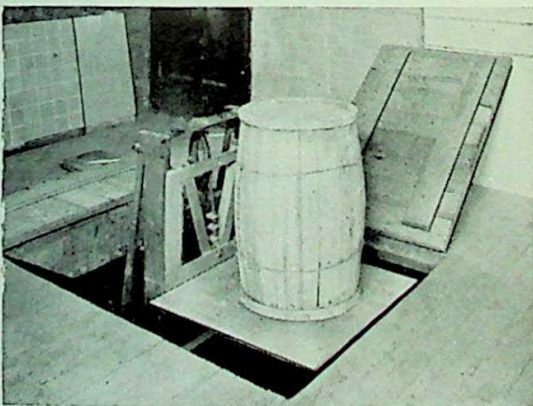


337E. Up and Through—Another view of the Vulcan Stamping Company installation. They use two Barrett Elevators for this purpose.



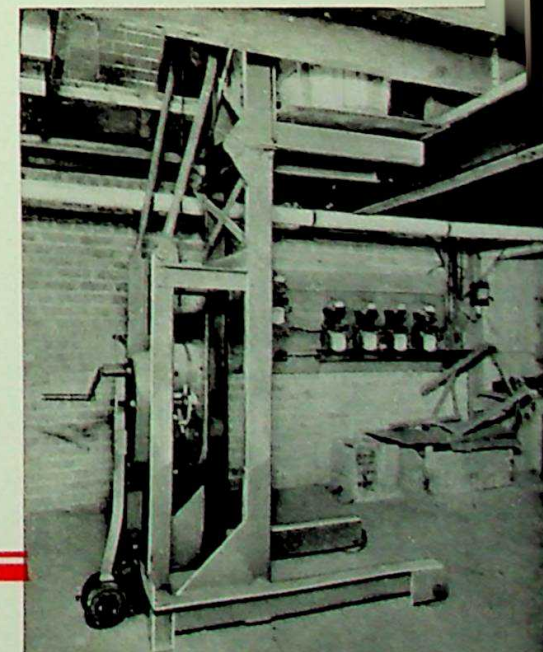
327E. Up from the basement the New Orleans Public Service Company go from one floor to another with their Barrett Elevator. Note—The loaded skid and Barrett Lift-truck.

The distinct advantages of Floor-to-Floor Elevators over the average freight elevator is not only a reduction in the original cost and—a continued reduction in operating expense. But in maintenance—for lubrication and adjustment the working parts are easily accessible—and no overhead pent house is needed for a Barrett Elevator.



648E. Here it comes—up through the trap door—from floor to floor—saving time and labor.

330E. This is an easy way to transport material from one floor to another if you do not have a freight elevator. A regular Barrett Portable lifts the load through the ceiling to the floor above.



FLOOR TO FLOOR

Several types of Floor-to-Floor Elevators are designed and built. They can be constructed with two or four posts (uprights)—for portable or permanent installation—telescopic or hinged—and hand or electric powered. Location and the work expected of the elevator must be considered.

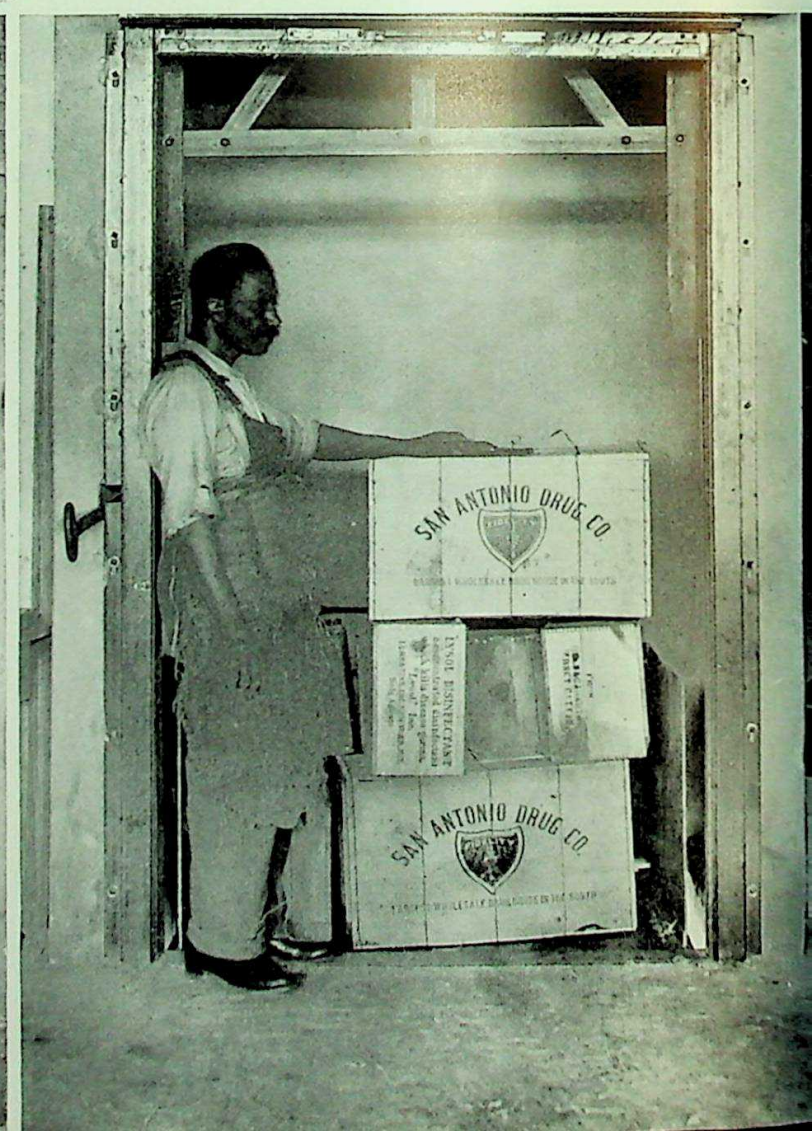
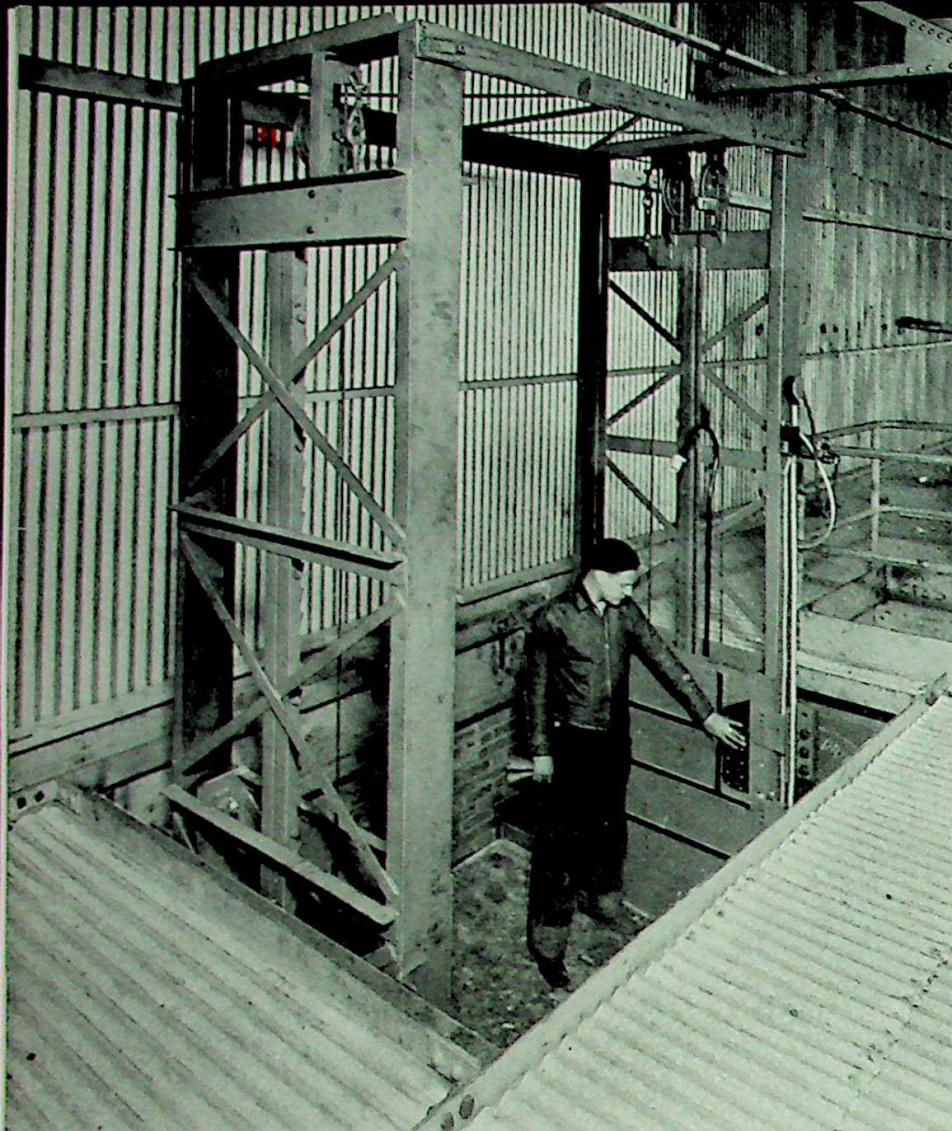
The illustrations on the left (top and bottom) are of a Barrett Four Post Elevator in a permanent installation at the New Laboratory in the Tin Plate Mill of a large steel plant. This elevator will carry thousands of pounds of tin plate to and from the laboratory.

Below—A two post elevator for lighter Floor-to-Floor work serving three floors is permanently in the warehouse of a wholesale drug company in Texas.

←443E

←444E

607E



ELEVATORS

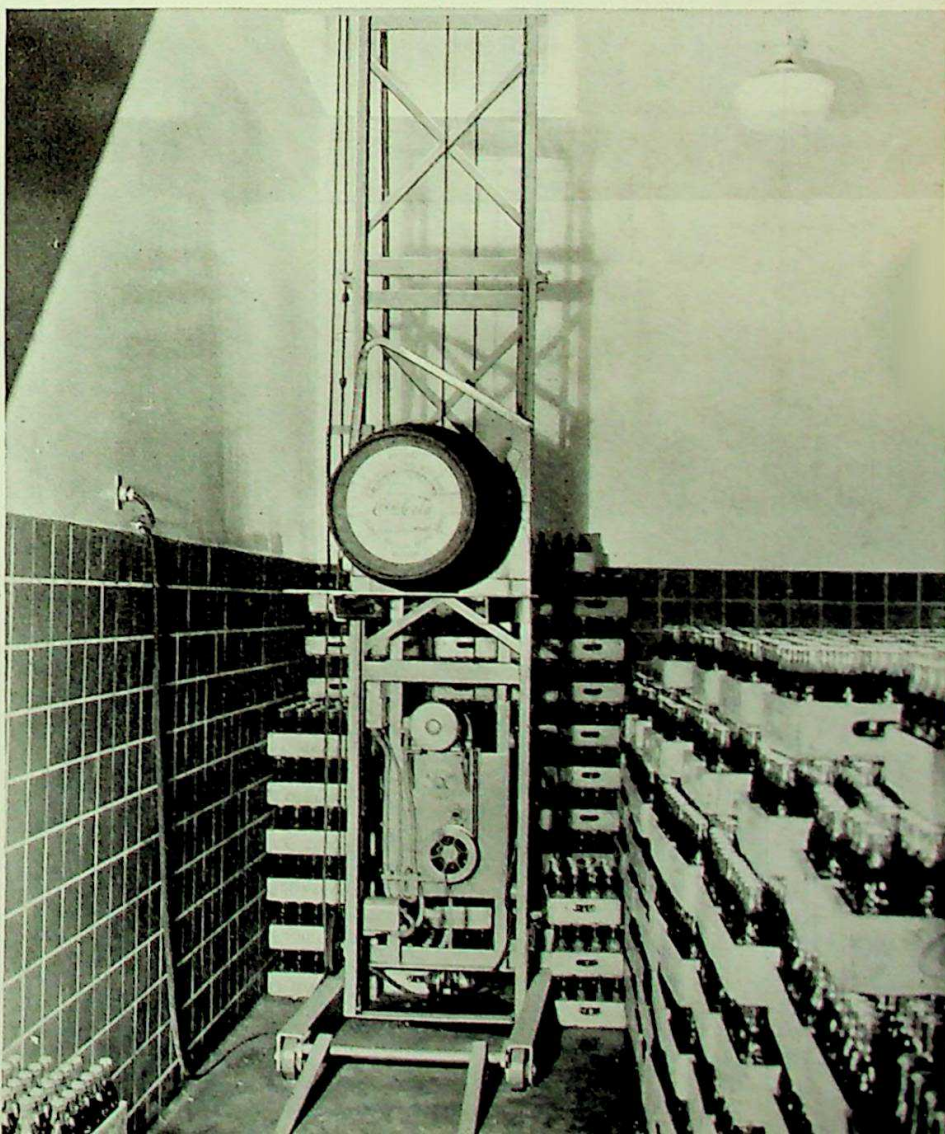
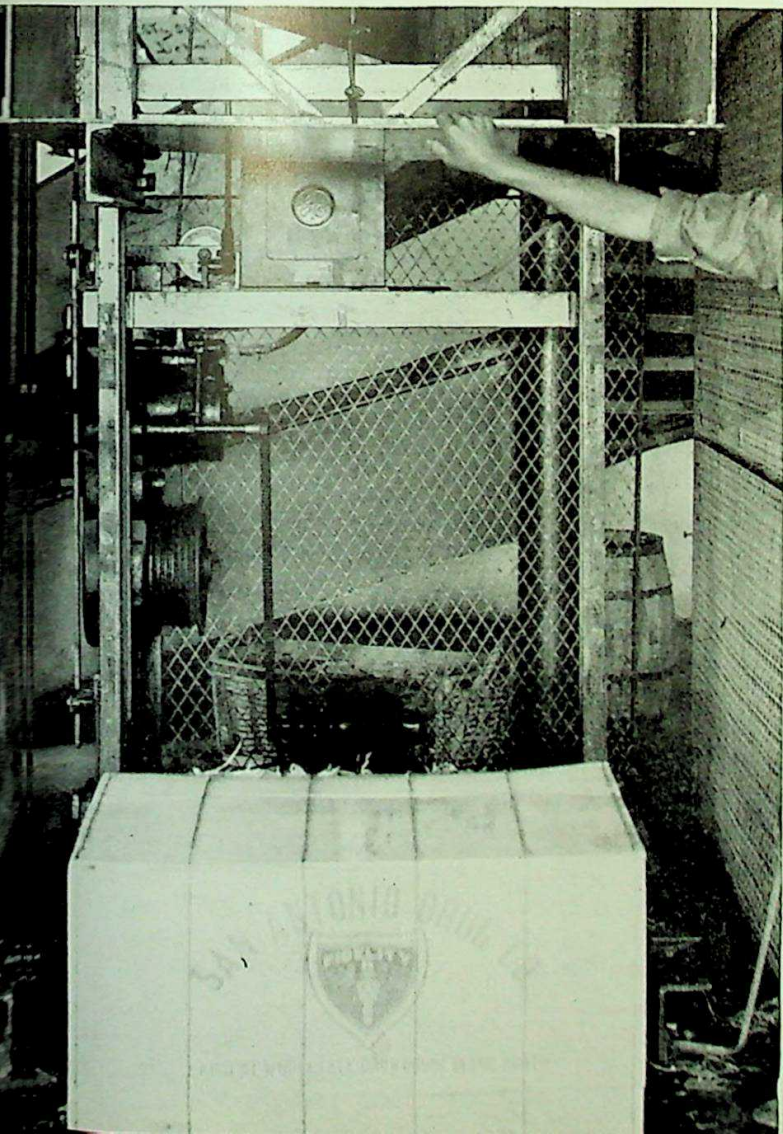
Sometimes it is convenient to use a Portable Elevator in Floor-to-Floor work. The illustrations on the right (top and bottom) demonstrate the use of a Portable Electric Elevator in handling barrels from one floor to another. The lower picture shows the 1st floor, while the upper picture indicates how the Elevator protrudes through the upper floor. In this installation the platform automatically opens the door as it goes through the floor. Besides Floor-to-Floor work the machine is easily moved about the plant, where ceiling height permits it to do odd jobs and stack cased goods and barrels in storage.

Twenty-eight years of experience in the manufacture of handling equipment has placed a wealth of knowledge at the command of Barrett Engineers. Knowledge that you are invited to use in reducing your handling costs.

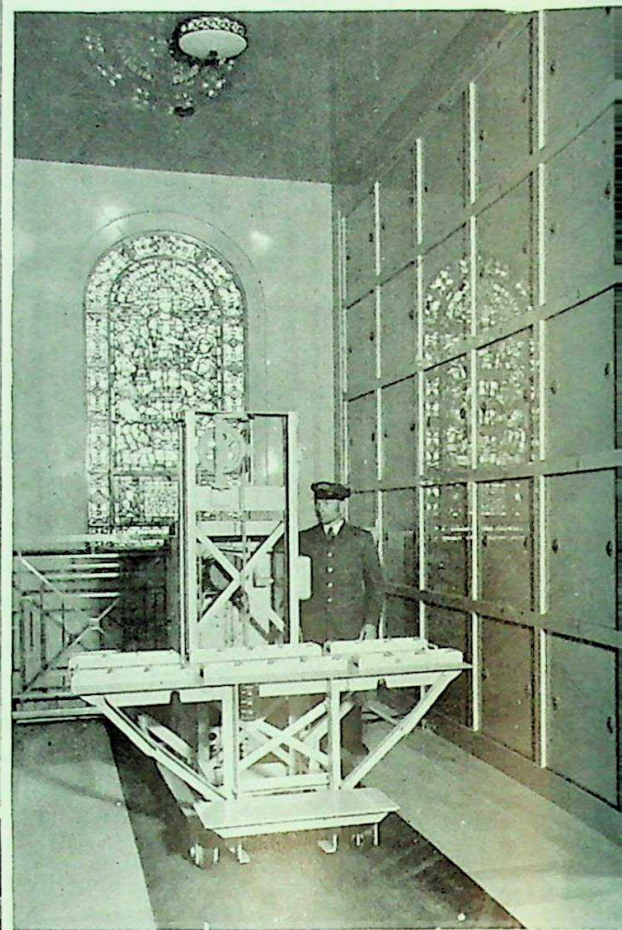
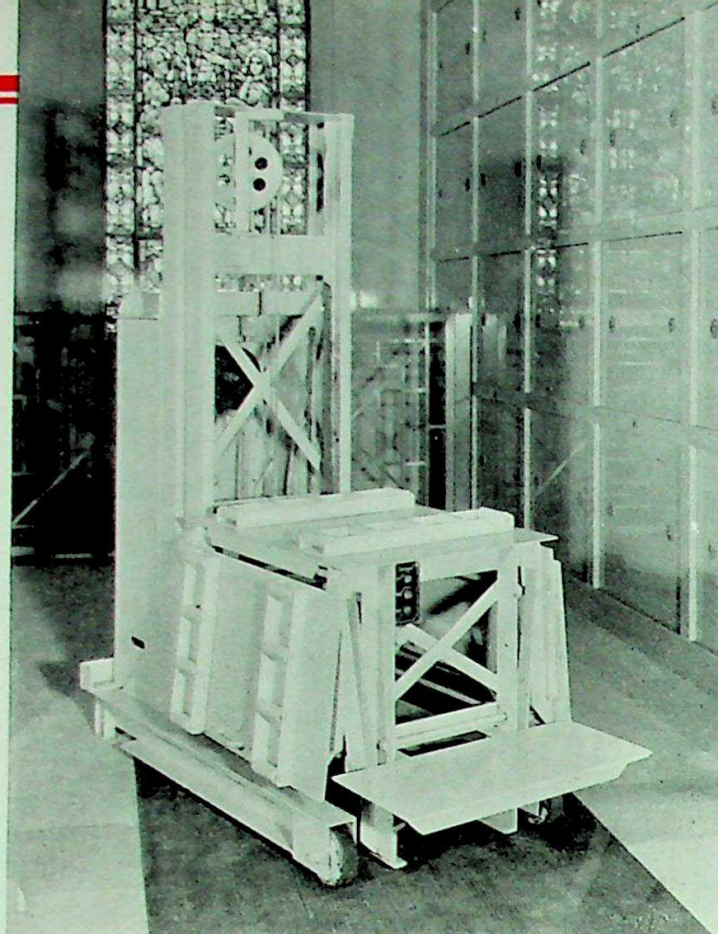
428E →

→ 429E

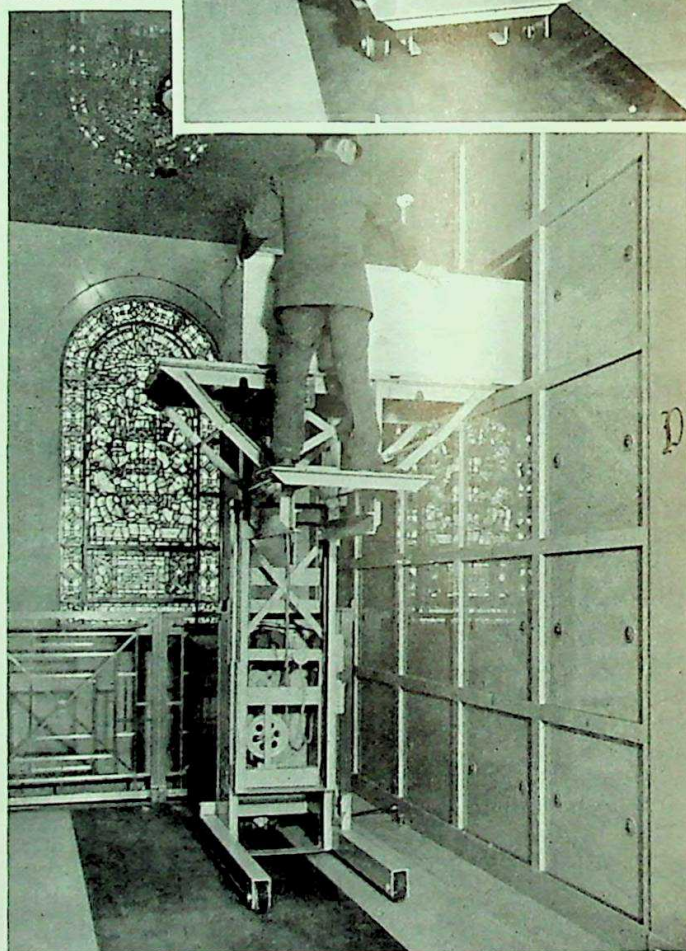
608E



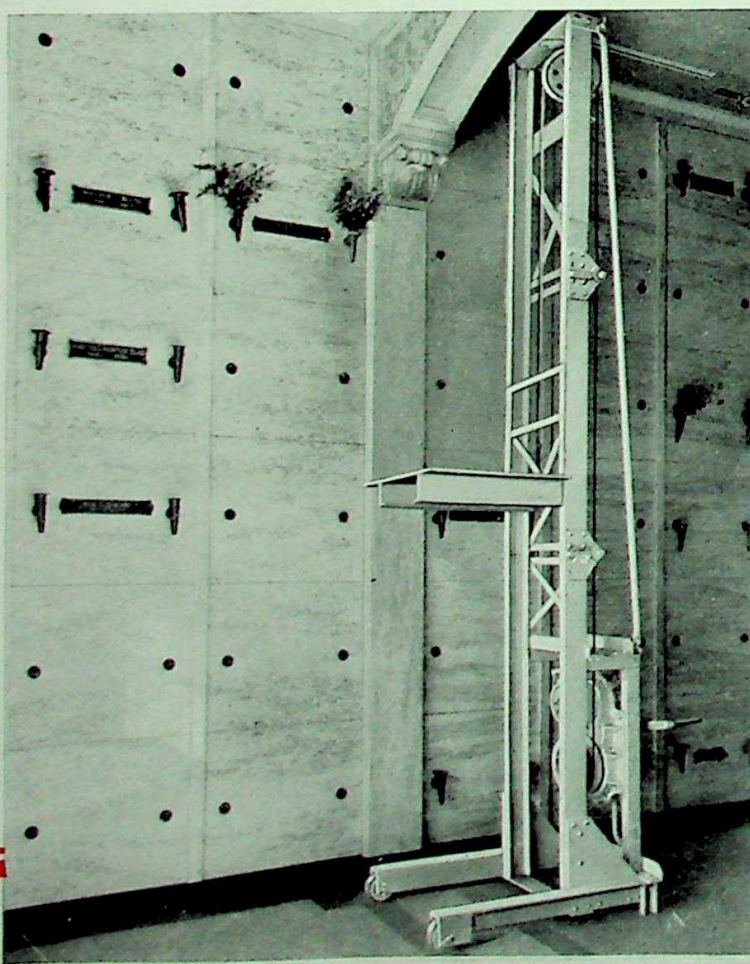
425E



426E



427E



The illustrations above show the three views (collapsed—platform extended—platform raised) of the Telescopic Model with the folding extension platform. At the left is shown a two post model of the hinged design intended solely for corridor work where ceilings are high and aisles wide.

389E

SPECIAL PURPOSE ELEVATORS

The illustration on the right shows a special application of a Barrett Portable Elevator. This is perhaps the only development of its kind to handle five cases at a time, double-decking them with ease and dispatch.

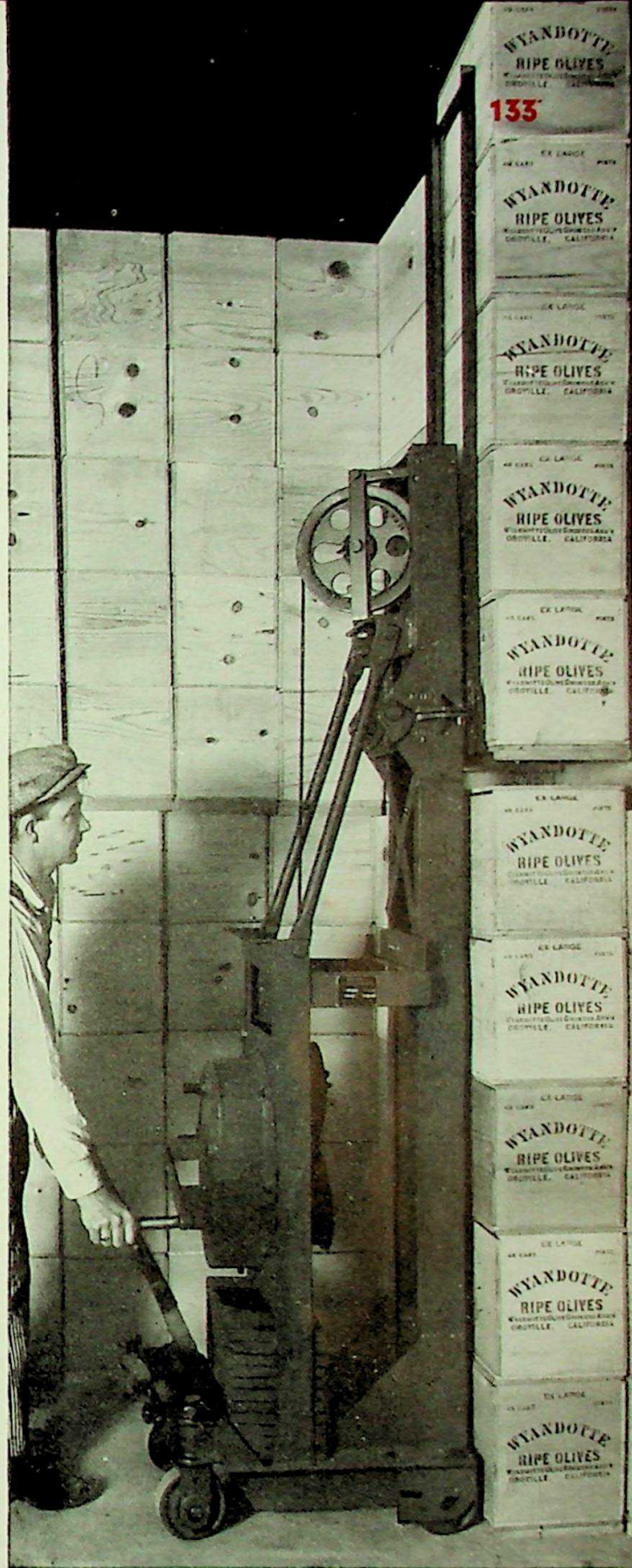
This special Barrett Portable Elevator was designed for the Wyandotte Olive Growers Association at Oroville, California. Some of the interesting specifications entering into the construction of this elevator are as follows:

Capacity	500 lbs.
Overall height	8 ft.
Lifting height.....	6 ft. 2 in.
Base width	17 in.
Platform width	15 in.
Platform length	11¼ in.
Platform height from floor.....	½ in.

The load to be handled is centered on the platform in front of the elevator—necessitating that the main structural part of the elevator be counterweighted as indicated in the photograph. The elevator is equipped with the Autosteer—which gives it four-point suspension and permits maneuvering in confined quarters. One man is able to pick up five cases of bottles from the floor—and set them on top of five other cases—with minimum effort and in the least possible time.

This is just another example of Barrett Engineering ingenuity—indicating our ability to cope with any material handling problem involving the use of lift-trucks or portable elevators—that may occur in your organization.

There is no piling, lifting or storage job too difficult for **BARRETT ENGINEERS** to solve. Detailed sketches recommended for your needs are submitted with each quotation.



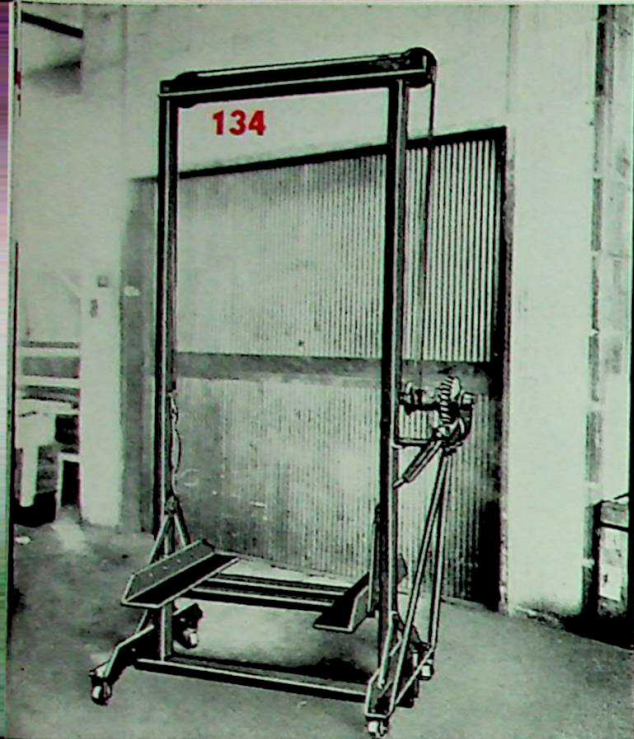
332AE—A Case-Decker in operation. This 500-lb capacity elevator has a platform only 15" wide, 11¼" long, and ½" high. The ideal device for handling five or six cases at a time—setting one load on top of the other. If you have a piling or handling problem bothering you, why not let a Barrett Engineer offer some suggestions.

SPECIAL PURPOSE

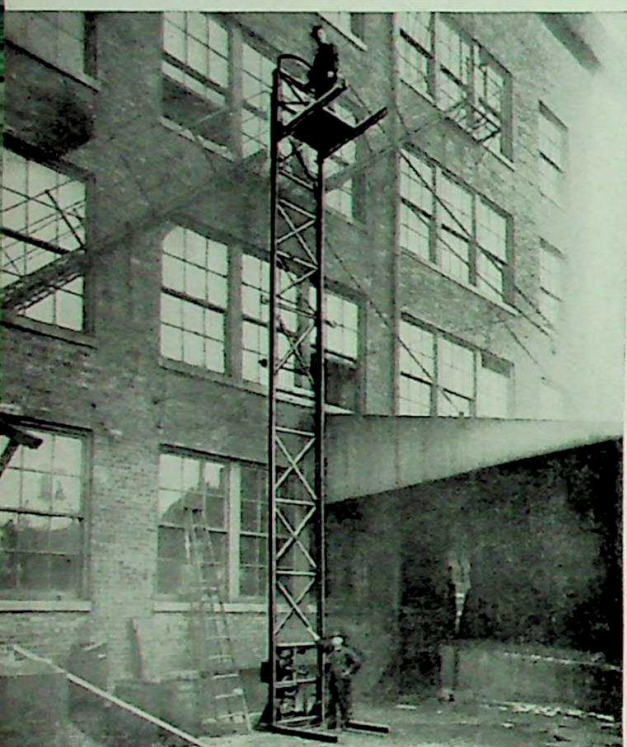
The illustration on the upper left is—a little fellow—equipped with four swivel casters and a small hand winch. In the right place it does a big labor saving job. (396E)

The big elevator below is an example of special purpose construction. The inverted platform increases its lifting height, and yet has the platform at a comfortable loading height in the lowered position. The enclosed mechanism renders it practically weatherproof. And the ladder rungs on the upright permits the operator to climb up and aid in unloading the platform. (395E)

Thirty-six feet in the air—left, (394E)—this elevator was designed to run from the first to the third floor in a wholesale drug house. It also opens and closes trap doors as the platform passes through. The man storing drums end up in the Barrett Rack is also operating a specially designed Barrett Portable Elevator. It has six wheels and will roll backward, forward, as well as sidewise. (348E)



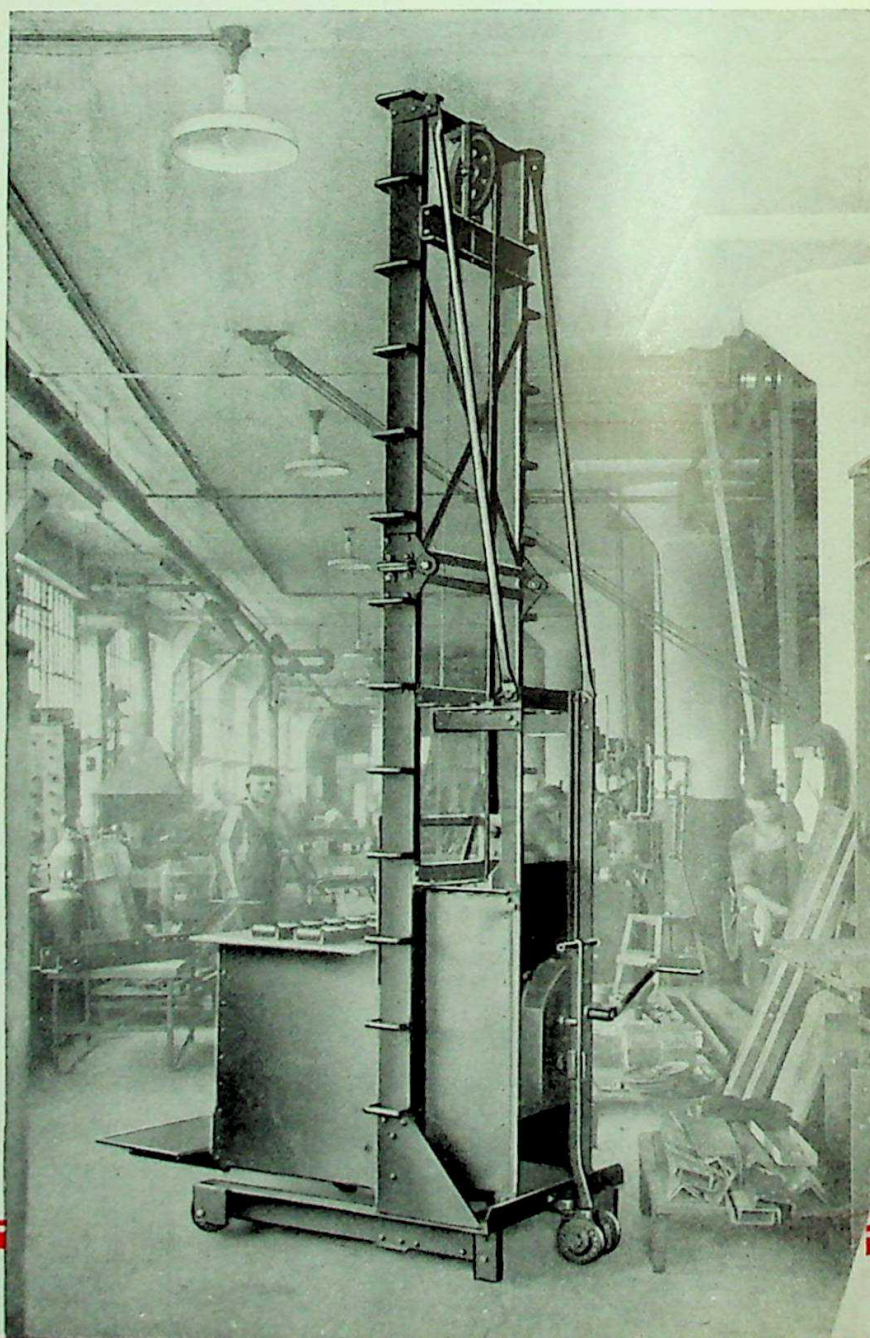
396E



394E



348E



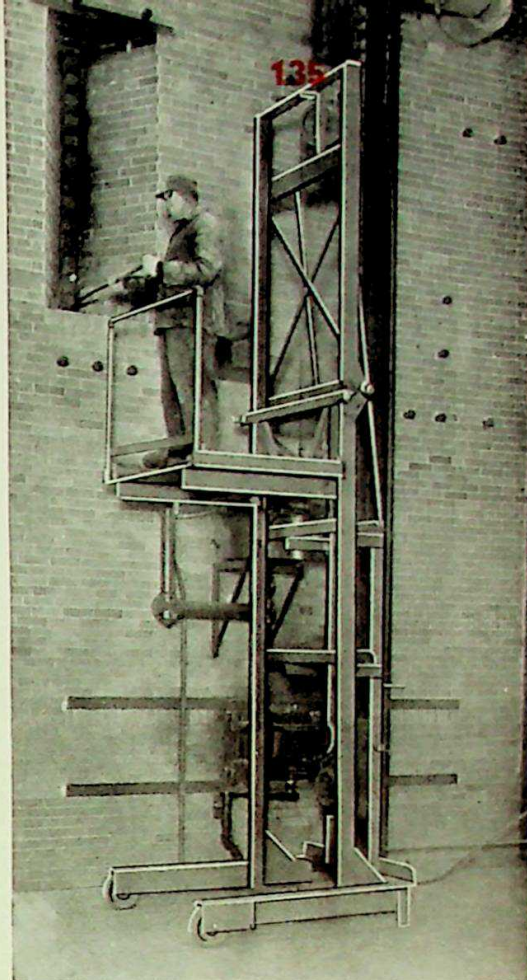
395E

ELEVATORS

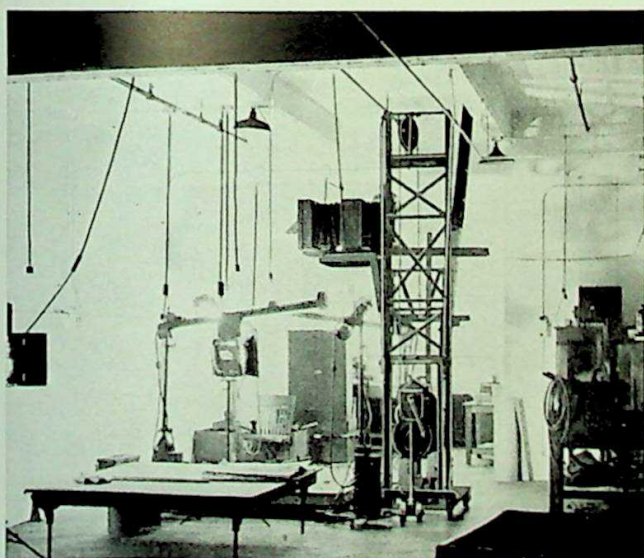
We have endeavored to emphasize our ability to supply Portable Elevators of any design and construction. Special construction for a special purpose does not always involve the building of an unusually high elevator or an extra heavy one. Sometimes we are called upon to build a very light small machine or it may be an elevator with an inverted platform or one with the mechanism specially placed.

Then again, door openers are required—to open and close trap doors as the elevator platform passes through. Double platforms have proven practical, under some conditions. Flanged wheels which permit the elevator to run on tracks are often specified. And an auxiliary winch to pull loads onto the platform have been supplied.

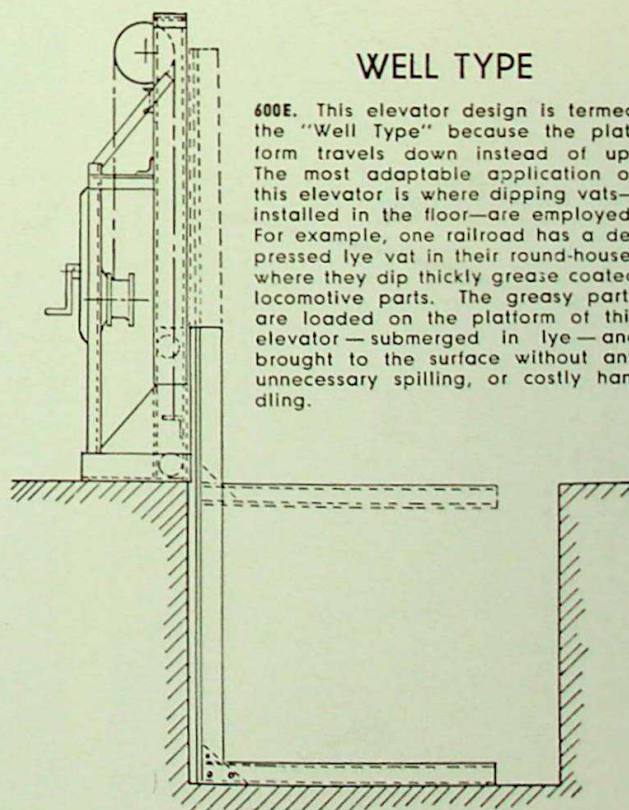
Barrett Engineers are capable of coping with any of these special requirements. Their facilities are such that no problem is too difficult, or machine too large. With 28 years of building materials handling equipment in back of us, our experience embraces a very broad scope. Thousands of plants are visited yearly by our sales engineers. Consequently a wealth of information on modern material handling and storage systems is accumulated.



320E. This Barrett Portable Elevator not only piles material but is used for cleaning high places. A detachable railing has been provided as a safety measure for the worker.



324E. Costly cameras are moved about this photographer's studio on a Barrett Portable Elevator which provides rigid stability in taking difficult "bird's eye" pictures.



WELL TYPE

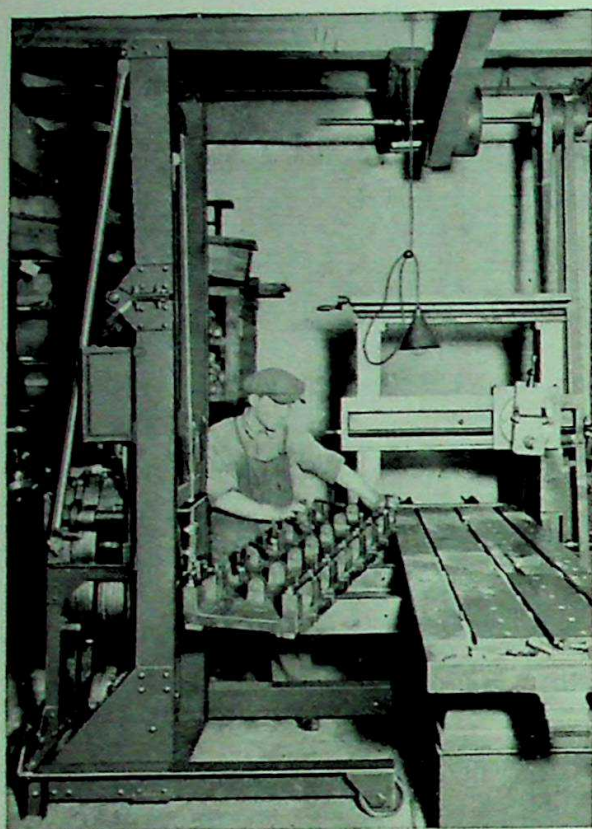
600E. This elevator design is termed the "Well Type" because the platform travels down instead of up. The most adaptable application of this elevator is where dipping vats—installed in the floor—are employed. For example, one railroad has a depressed lye vat in their round-house, where they dip thickly grease coated locomotive parts. The greasy parts are loaded on the platform of this elevator—submerged in lye—and brought to the surface without any unnecessary spilling, or costly handling.

MOVING STORING SETTING UP

DIES

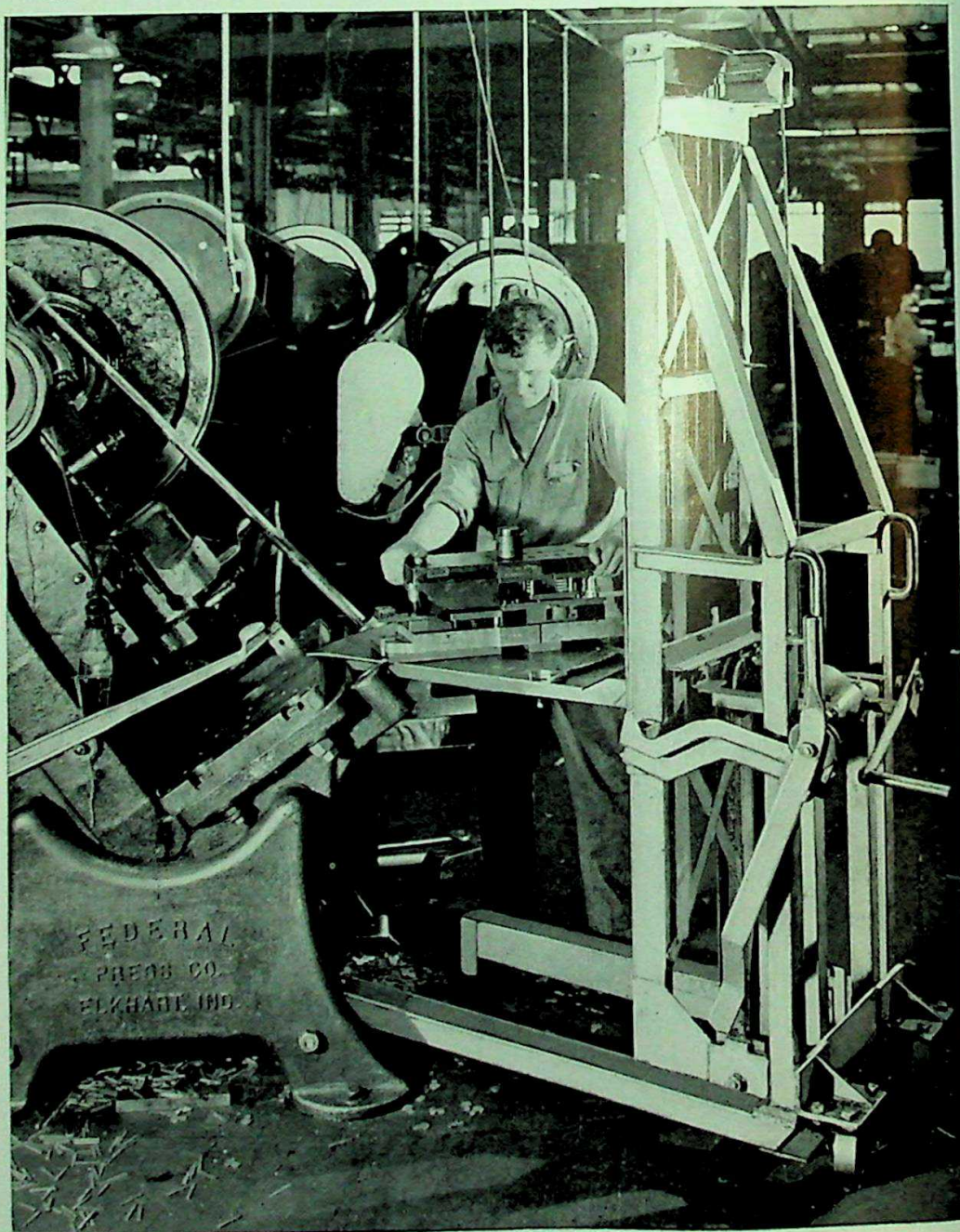
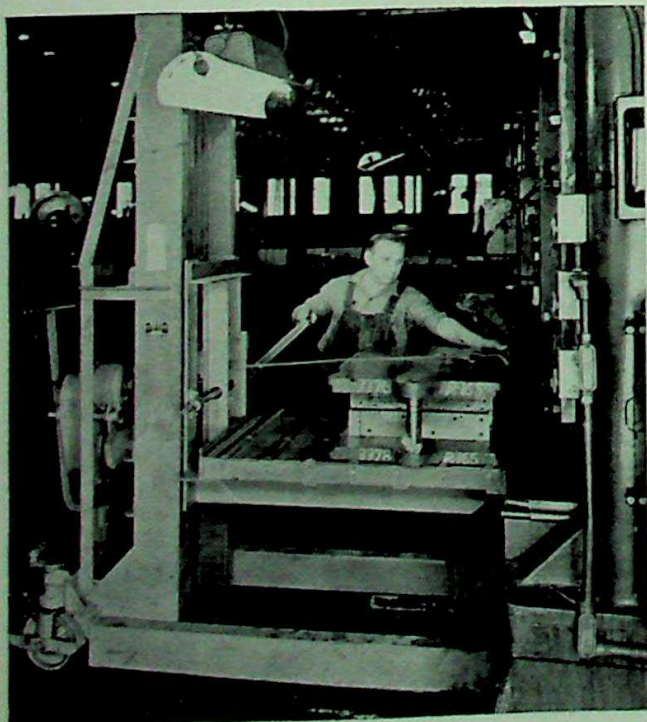
658E. Barrett Portable Elevators were an "Emancipation Proclamation" for this metal products concern. Formerly, workers were robbed of efficiency through lifting and lugging heavy dies in their punch press department.

Barrett Elevators provided for faster and safer handling, neater and easier storage and conserved energy of the operators, resulting in higher output.



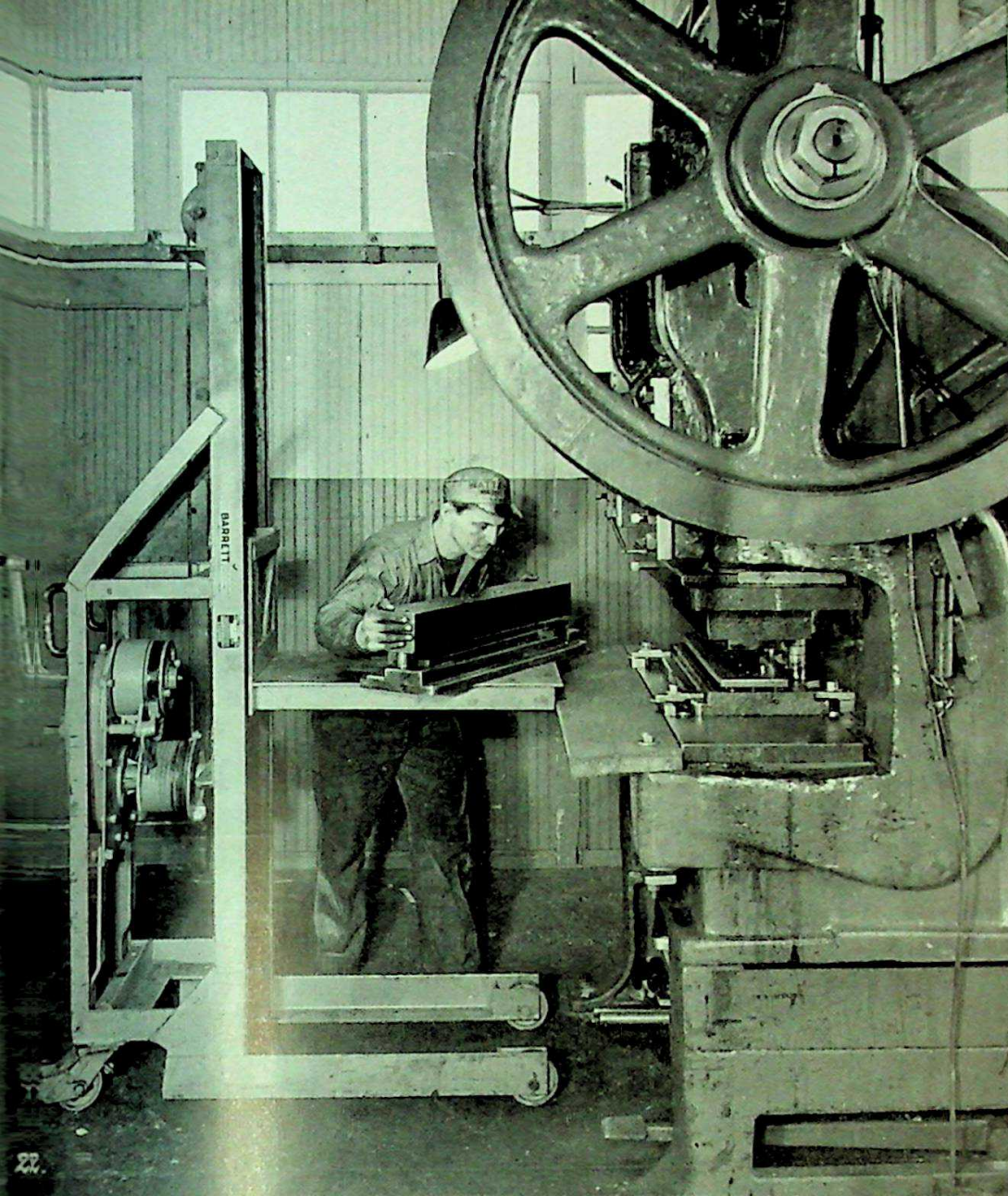
699E. Setting up heavy expensive dies. Three or four men used to be called from other jobs to help handle a heavy die. Now one man and a Barrett Elevator do the job in safety—both to the die and the man.

640E. The Barrett Die Elevator at the press—showing the operator removing a heavy die from the press onto the elevator platform. It will now be taken to the die storage racks.

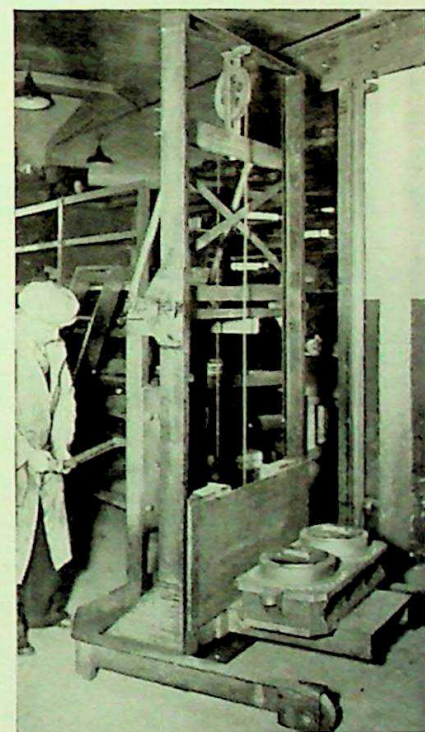




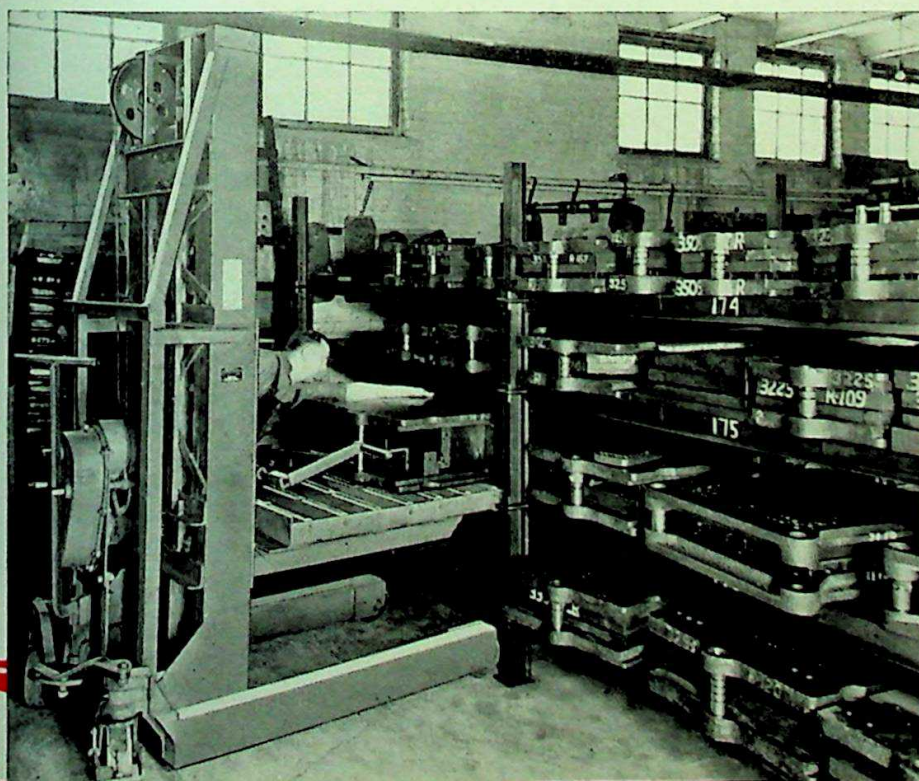
DIES DIES DIES



440E. These are one man jobs—that formerly took the united strength of two, three, and four men. That is what Barrett Portable Elevators mean in the industrial handling of material and equipment. They save time—money—breakage—labor—and space. One man sets this heavy die with a Barrett Portable Elevator.



636E. The special type hand operated die elevator used by one of the larger automobile manufacturers. Barrett Die Elevators enable one man to do the work that usually requires four or five.

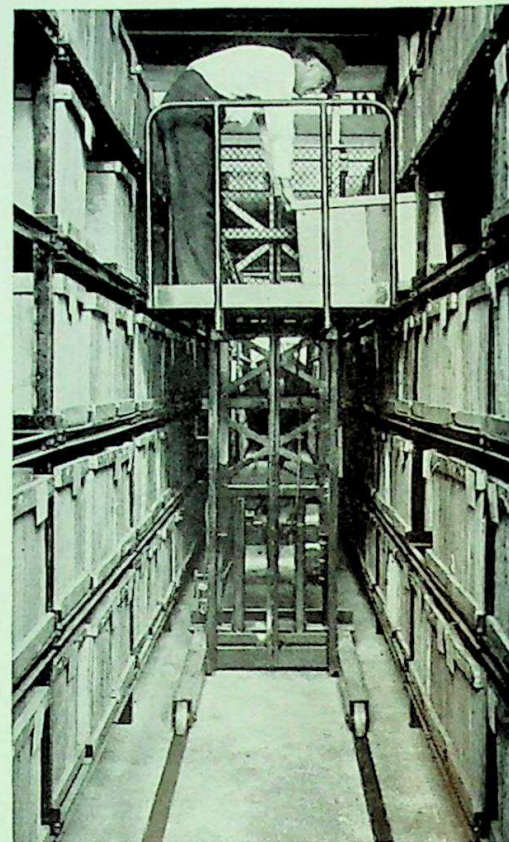


641E. Barrett Die Elevator equipped with a full width roller platform and hand operated die winch. The die winch facilitates loading and unloading heavy dies in and out of rack and on and off of presses.



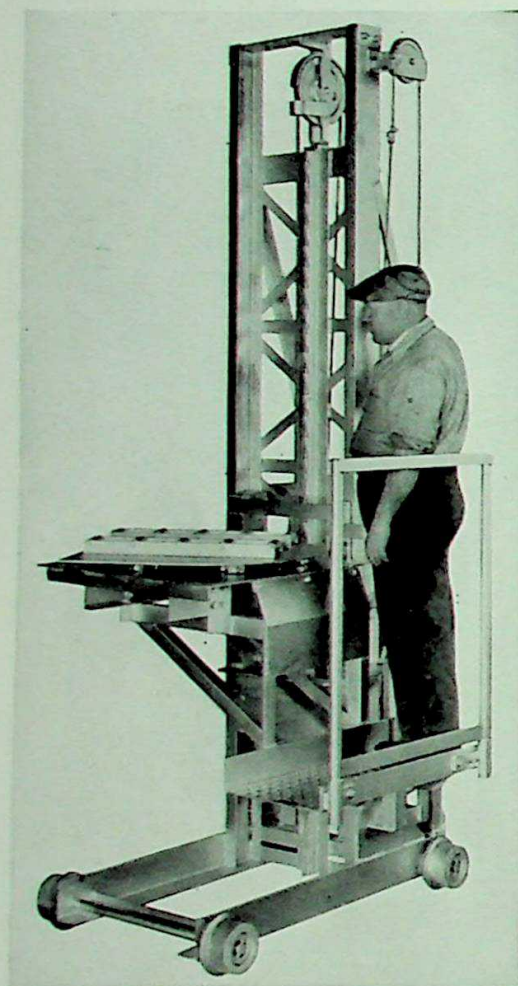
335E. Loading a truck with heavy barrels is a one man job with this Portable Elevator.

695E. Electric Elevator, operating on floor tracks, storing boxes of stampings, castings, etc. into storage racks. Barrett Engineers surveyed this concern's facilities—then designed the elevator and racks to provide swift, safe and orderly storage.



**THERE'S A BARRETT
FOR EVERY JOB!**

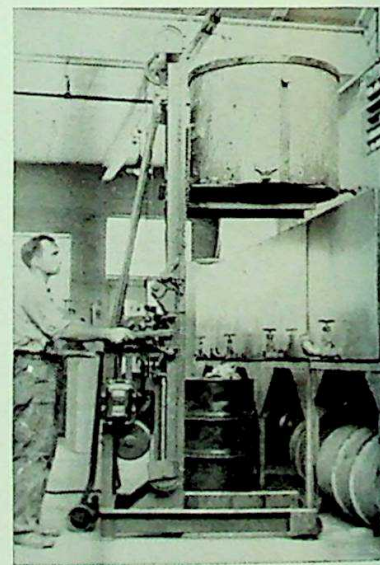
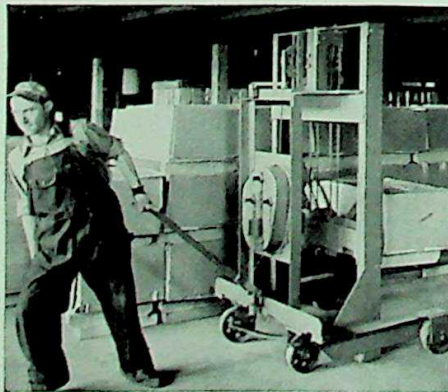
**ALL SAVE
TIME AND SPACE**



685E. This electrically operated Barrett Elevator has an auxiliary operator's platform to the left of the elevator service platform. The operator's platform ascends and descends with the service platform. Note the elevator is equipped with flanged wheels to run on a narrow gauge track.

602E. Pallet Elevators can be used for any type of concentrated product. This trucker is handling a load of tin plate weighing 2,200 pounds.

686E. Service vats are refilled through the use of a Barrett Elevator and a portable tank as indicated in the photograph. A convenient, safe and economical solution to a difficult handling problem.



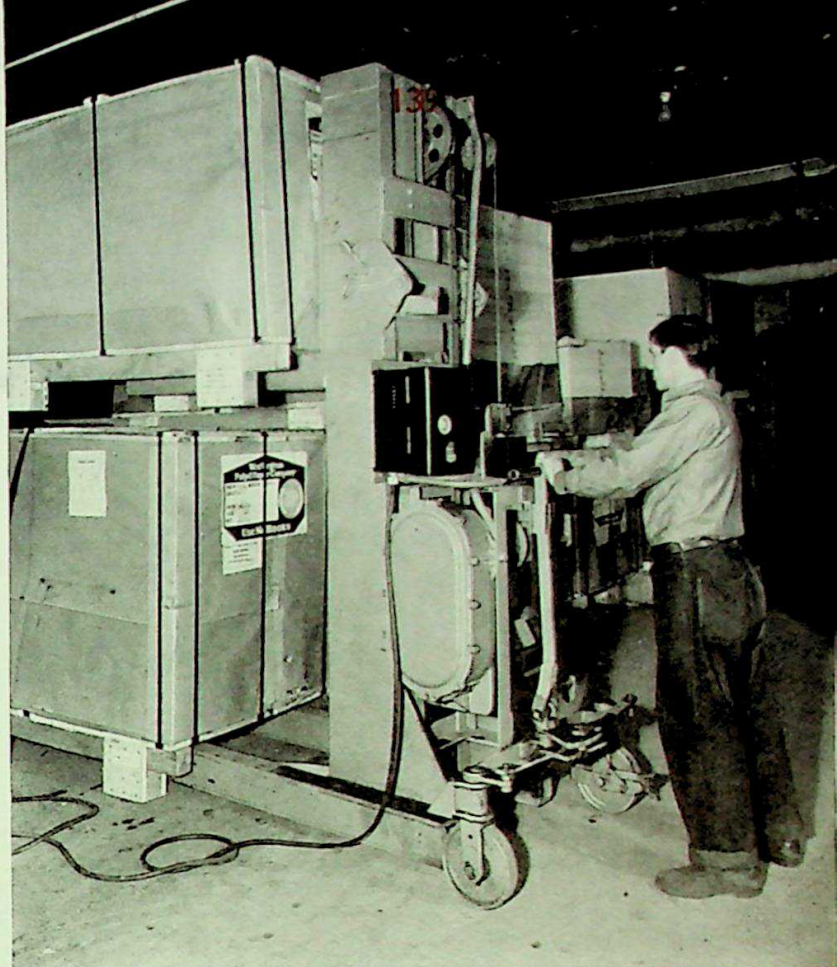
DOUBLE DECKING SKID LOADS OF PAPER STOCK

While many types of merchandise or material can be loaded on skids for double and triple decking in storage—the handling of paper stock renders a good method for illustrative purposes. Printers, lithographers, and paper brokers usually are located in congested areas where space is valuable and every available square foot of floor space must yield its value—up to the ceiling.

So in storage, paper stock shipped on skids is double and sometimes triple decked. This decking plan doubles or triples the storage



356E



441E

capacity—without adding to the floor space. As a result more paper can be stored at a greatly reduced cost.

Barrett Elevators are designed to handle Lift-trucks Skids of any dimensions and regardless of the weight of the load. The skid loads of paper illustrated on this page weigh an average of 4,000 pounds. With the complete Barrett Equipment—Skids—Lift-trucks—and Elevators, these 4,000 pound skids of paper stock are stored rapidly and safely. Yet, only one man does the work—and he does it with less effort than that required of several men without this equipment.

If you have a decking problem Barrett Engineers can show you the most practical and economical means of accomplishing it.

Barrett Engineers are trained men—experienced in various methods of handling and storing material. You will find this experience of invaluable benefit in placing new and less costly methods of storing and handling material.

REVOLVING BASE ELEVATORS — ANY SIZE .. ANY CAPACITY .. ANY HEIGHT

A final word in mobile handling equipment is the Revolving Base Elevator. Its use gives an extra measure of flexibility to the elevator's usefulness, cutting labor down to a minimum. For the revolving base means that the elevator rests on a ball or roller bearing turntable, upon which the whole upright structure turns at the will of the operator. It is ideal for congested aisles—narrow loading platforms—and piling inside freight cars and motor transport trucks. In fact, any crowded place that prohibits maneuvering the entire elevator in order to turn the load proves the value of a Revolving Base Elevator.

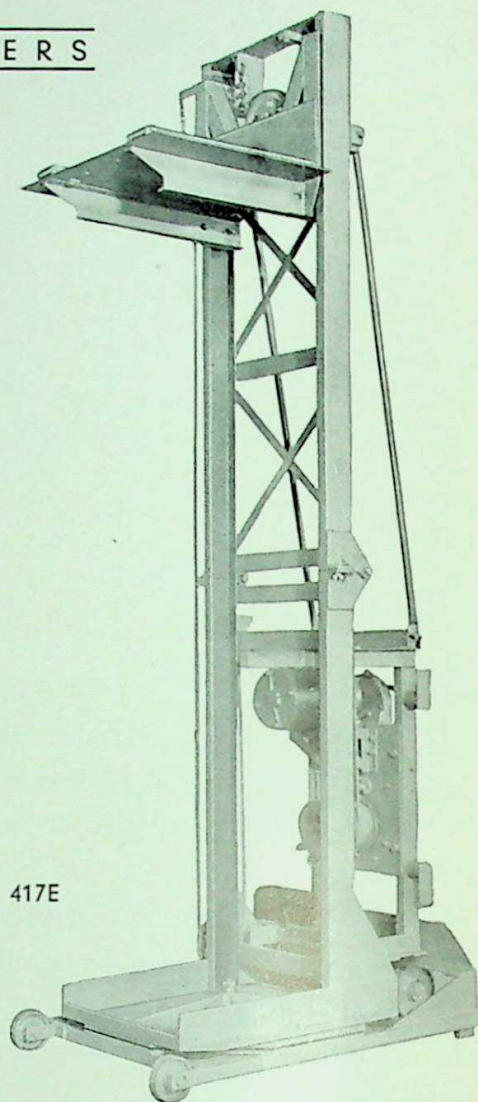
The capacity of a Revolving Base Elevator runs from 500 to 5,000 pounds. It can be had in either hinged or telescopic designs—with any reasonable lifting height—for hand or electric operation. It has all the standard features of other Barrett Elevators—direct motor drive—Ball Bearing Hoist—spur gears enclosed and running in oil—electric solenoid break—grooved cable drum—Hyatt equipped floor wheels, etc., as previously described. And all Welded construction.

To Stop Breakage—save time—and labor in handling raw materials, manufactured articles, produce, and shop equipment consult the nearest Barrett Service Man. These men are located in 82 key cities throughout the United States. A telephone call will bring you in direct contact.



416E

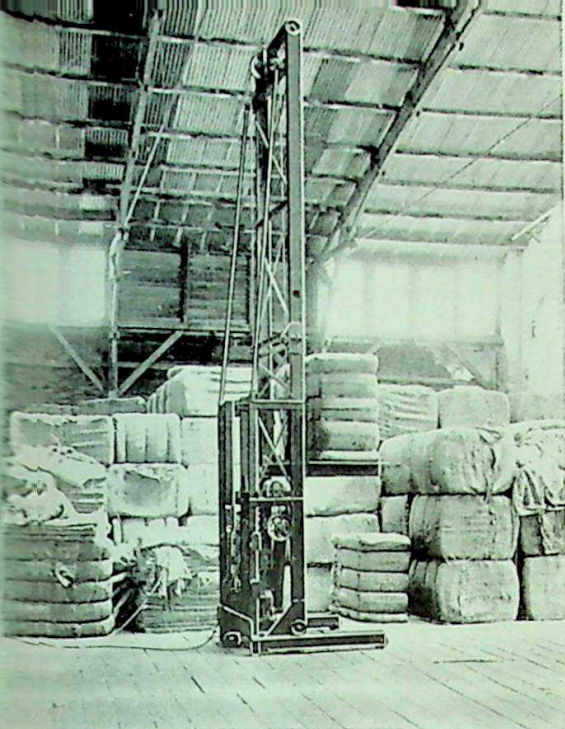
SIDE POSITION



417E

CONVENTIONAL POSITION



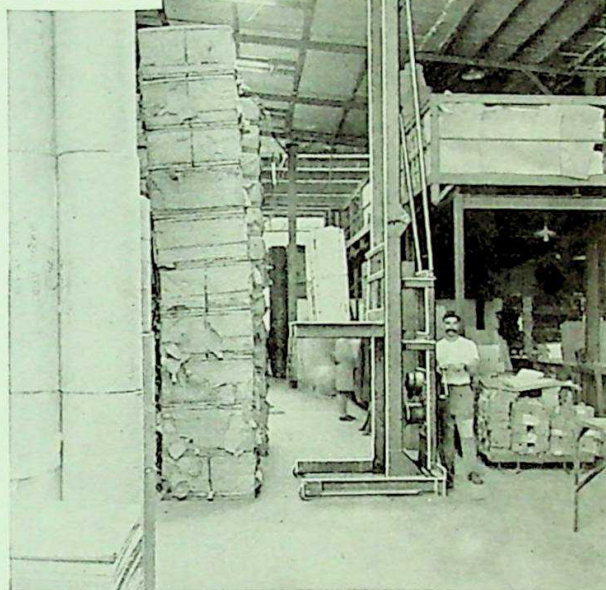


378E. HEAVY BALES RAISED 14 FEET IN THE AIR. This rather high Barrett Elevator stores the heavy bales shown 14 feet in the air—and in that manner fills the warehouse completely.

BALES BALES BALES

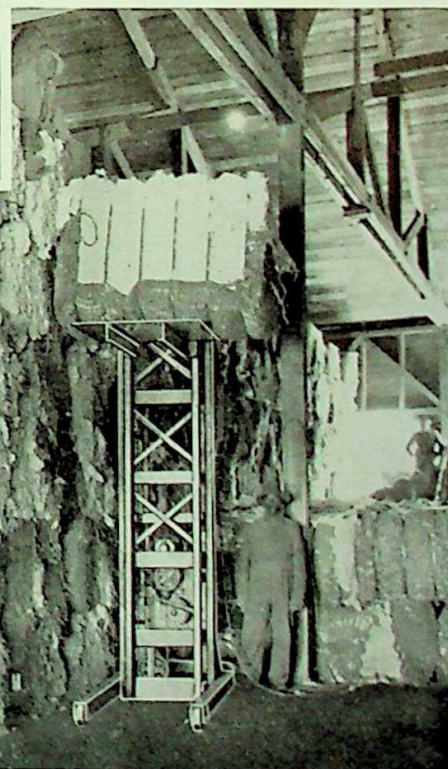


308E. BALE STORAGE IN A WAREHOUSE. Here we have a man piling bales nine high in a warehouse with an electrically operated Barrett Elevator. The Barrett Lift-truck shown in the foreground is used elsewhere in the warehouse to save time, money and labor.



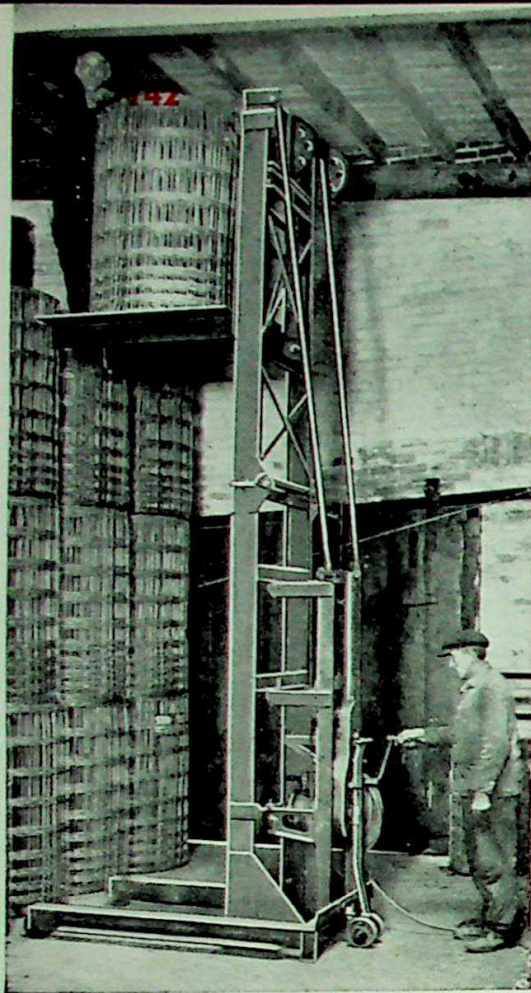
379E. SMALLER BALES HANDLED TWO AT A TIME. The small bales shown here are handled two at a time so as to speed up piling and thus reducing handling costs.

380E. COTTON GOING UP. No denying this after looking at the picture. This concern pile these bales six high in their warehouse. Before they installed the Barrett Elevator they only piled them two high—and it was some job by hand.



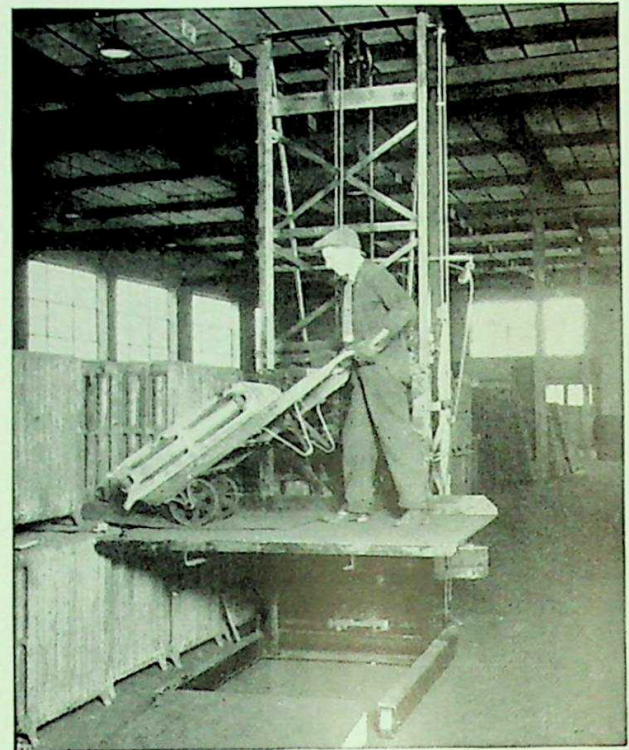
383E. SOME MORE BALES. Not contented with piling filled sacks, this concern bale up the empty ones and pile them too.





WIRE CRATES FIXTURES RADIATORS

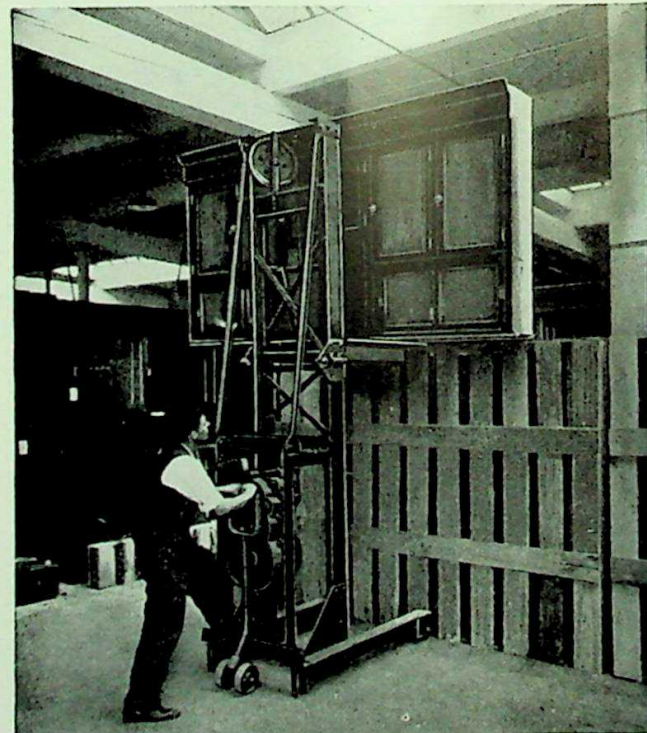
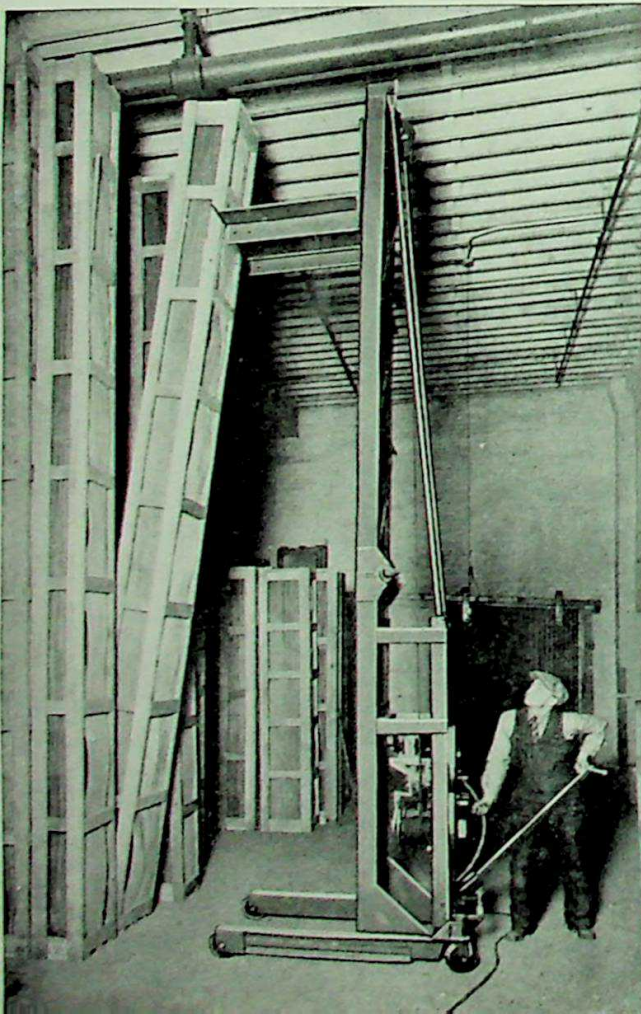
323E. STORING ROLLS OF WIRE FOUR HIGH. The Dwiggins Wire Fence Company needed more floor space. By piling their rolls of wire four high they accomplished the purpose in mind. As usual, a Barrett Elevator solved the problem.

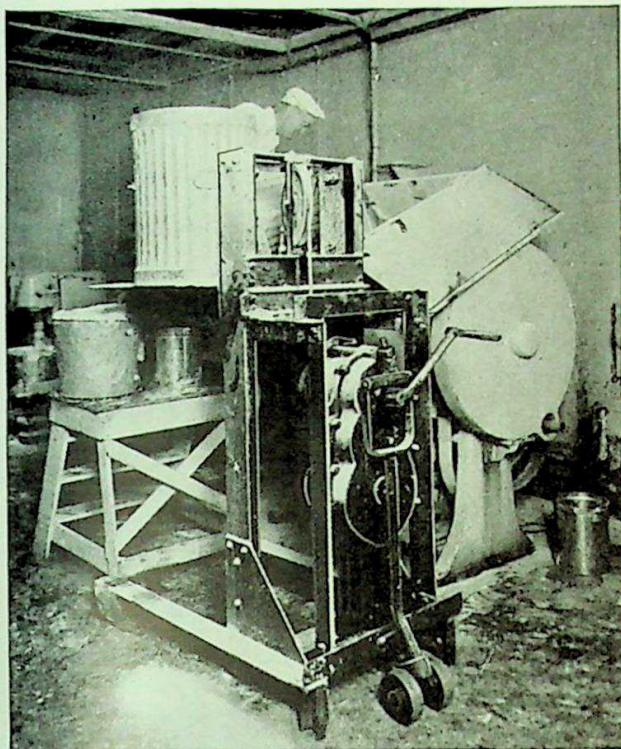


316E. STORING RADIATORS. All radiator men will agree that the proper storage of radiators has always been a serious problem. Everything is easy now because Barrett designed this radiator storage elevator for the American Radiator Company for use in their Chicago warehouse. This elevator has two cable controls so it can be operated from either side.

309E. UP-ENDING 16-FOOT CRATES. This job formerly required four men and it was a dangerous one. Now one man with a Barrett Portable Elevator, electrically operated, does it quicker and safer. A saw tooth edge on the elevator platform to which a cleft in the crate is snagged, causes the elevator to roll toward the base of the crate unaided, as it assumes an upright position. This installation was made for the Bacon Veneer Co., of Chicago.

310E. DOUBLE DECKING FRAGILE SHOW CASES. The Knight Soda Fountain Co., of Chicago, wanted additional floor space for productive purposes. A Barrett Engineer showed them how to double deck their stock show cases and thus reduce their storage space one-half. This picture shows how it is done.



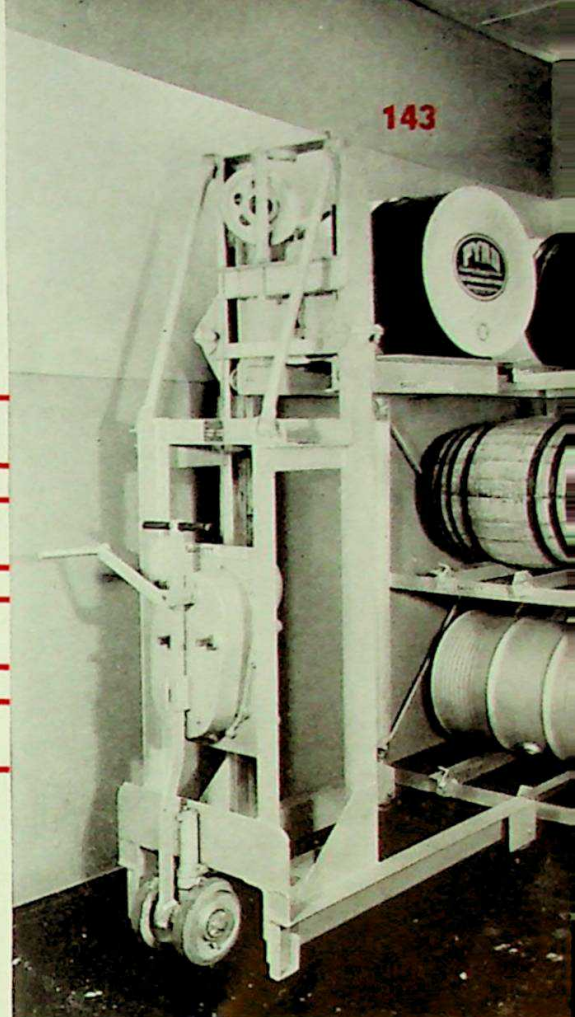


318E. A BARRETT ELEVATOR MAKING CAKE. When the Grennan Cake Company of Chicago were looking for a holsting device that would handle cans of flour and sugar into their icing machines they selected the Barrett because the gears were enclosed and running in oil. Barrett elevators are sanitary if that means anything to you.

687E. Double decking crated stoves in a warehouse presents no difficult nor hazardous tasks for these men, because a Barrett Elevator makes the job both safe and easy.

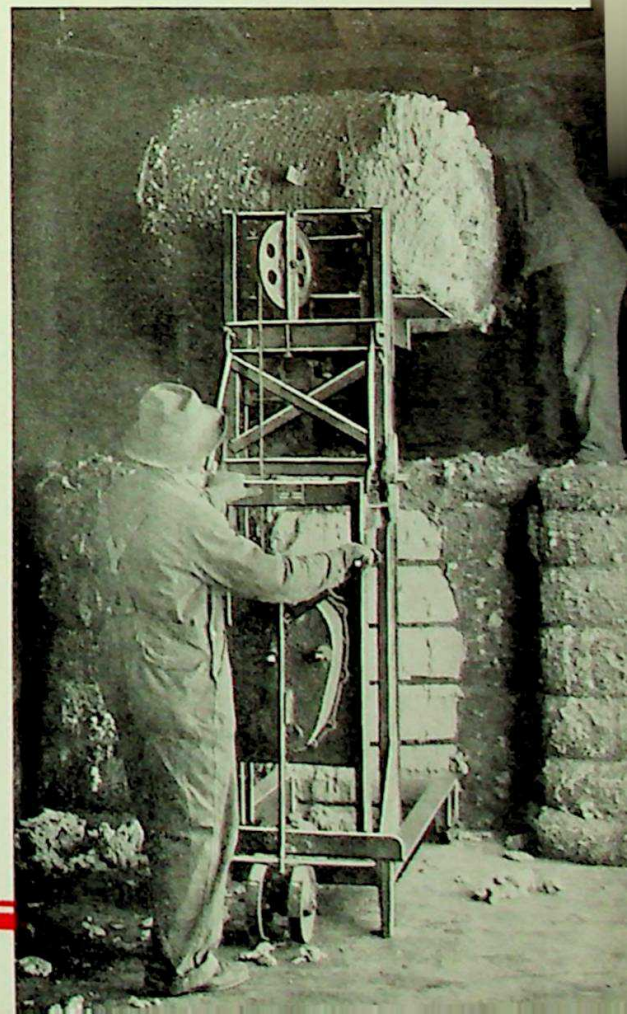


DRUMS MIXERS BALES STOVES

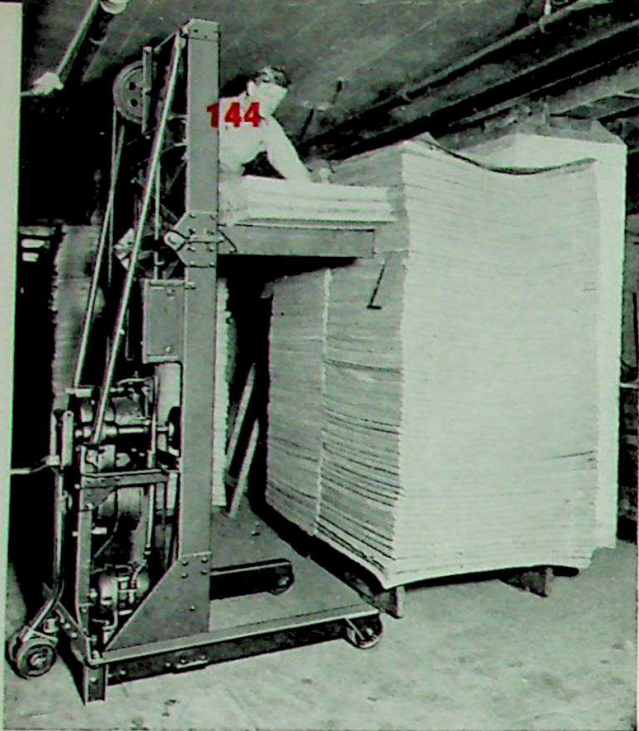


601E. A corner section of a Barrett Portable Elevator and Storage Rack installation. Note the fully enclosed gears on the elevator.

306E. PILING BALES IN A FREIGHT CAR. Here are two men double decking bales of cotton in a freight car for the Dixie Cotton Oil Company of Memphis, Tenn. A small hand operated Barrett Portable Elevator is used for this work.



PAPER—CASKS



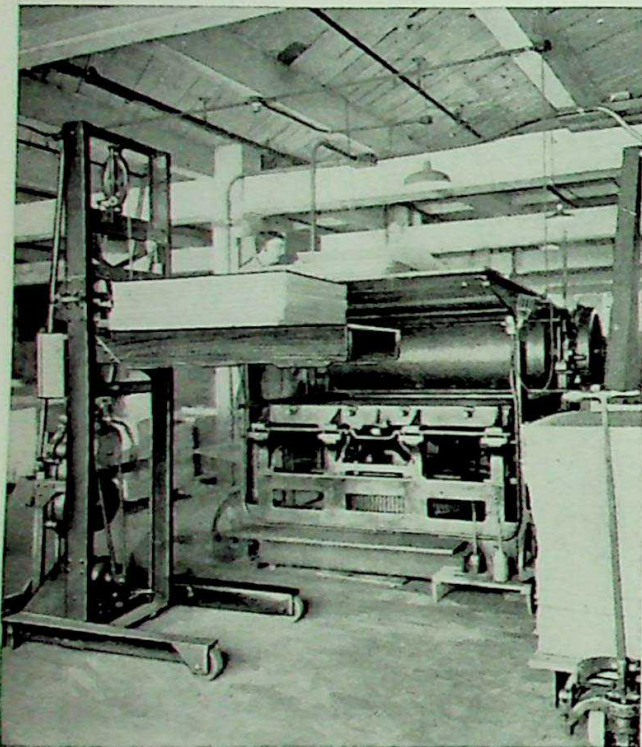
On the left BUNDLES ARE STORED CEILING HIGH. This Bindery Company carry a large stock of binder board at all times. So as to utilize storage space they pile these bundles ceiling high as shown.

Below is a Barrett Elevator FEEDING A PRESS. This enterprising concern have their Barrett Elevator raise a load of paper stock to the height of the press feeding table where an operator pulls it off. No climbing up and down off the press.

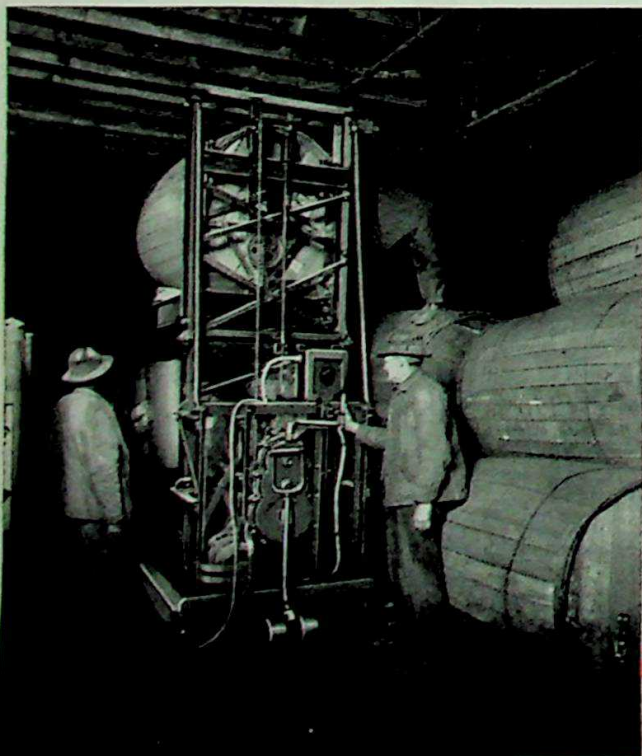
Lower in the corner SOME MORE HEAVY CASKS BEING STORED. Two men here are doing the work while a third looks on in amazement. He is used to seeing six men on such a hard job but the electrically operated Barrett Elevator has now made it an easy two-man job.

362E

In the lower picture is an excellent example of TRIPLE DECKING HEAVY CASKS OF TOBACCO. The American Tobacco Company use three Barrett Elevators for this purpose. A dangerous job is thereby made a safe one, requiring only one man instead of six. Notice the bridge from the elevator platform to the pile.

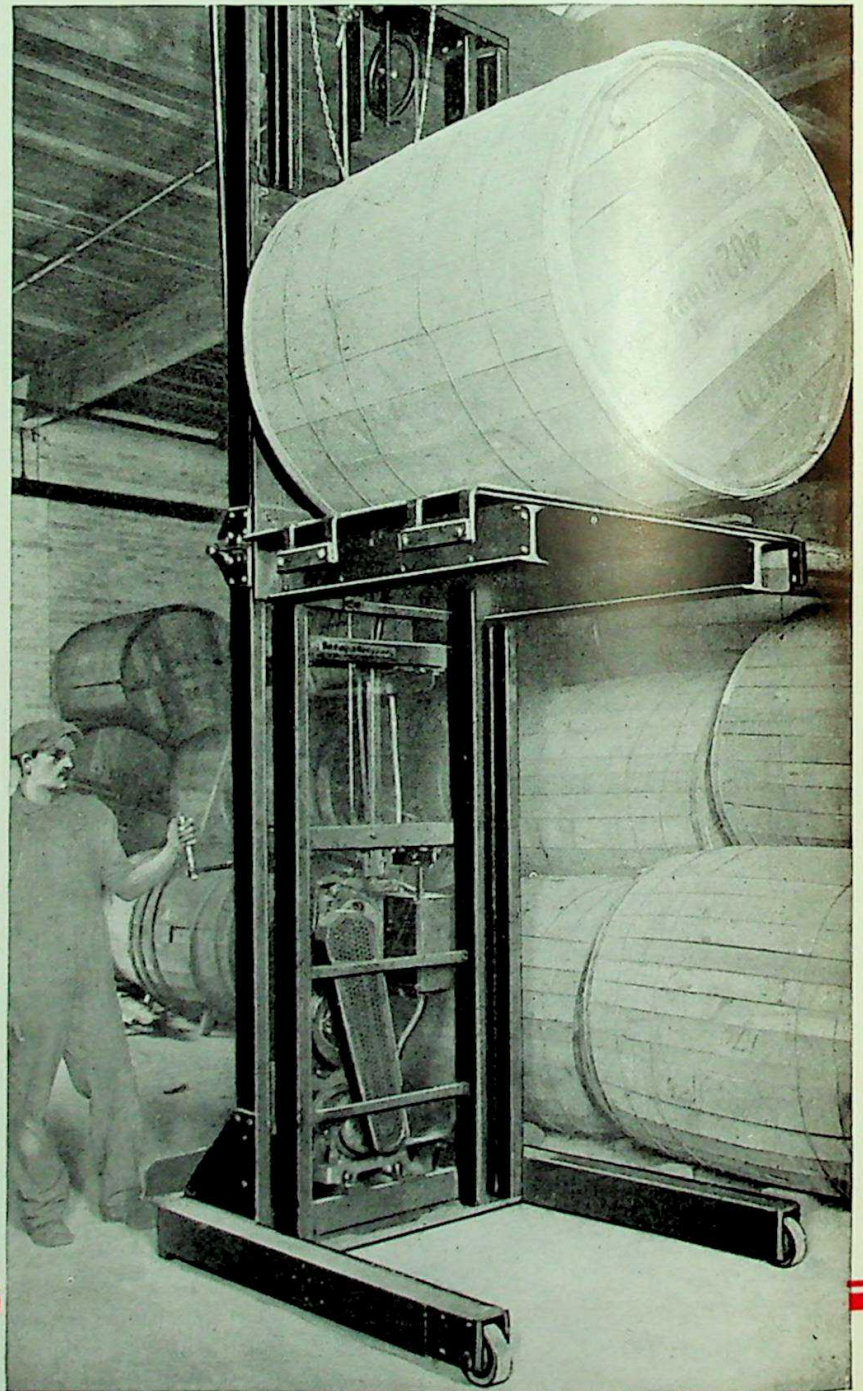


365E



314E

315E



THREE-IN-ONE ELEVATOR

INCORPORATING THE HINGED, TELESCOPIC AND REVOLVING BASE DESIGN INTO ONE ELEVATOR

This Barrett Elevator is unusual in that it demonstrates the versatility of Barrett Engineers in design and emphasizes their ability to solve difficult handling problems.

Here are three distinct elevators—all built into one machine so as to conform itself to several different operating conditions.

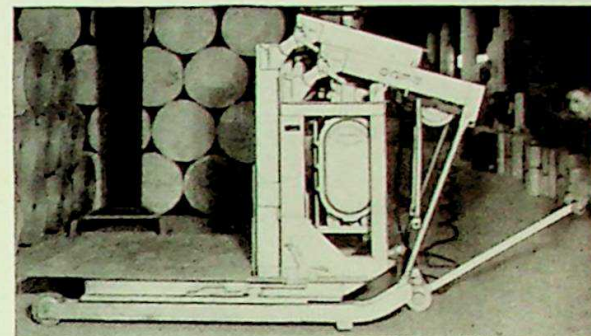
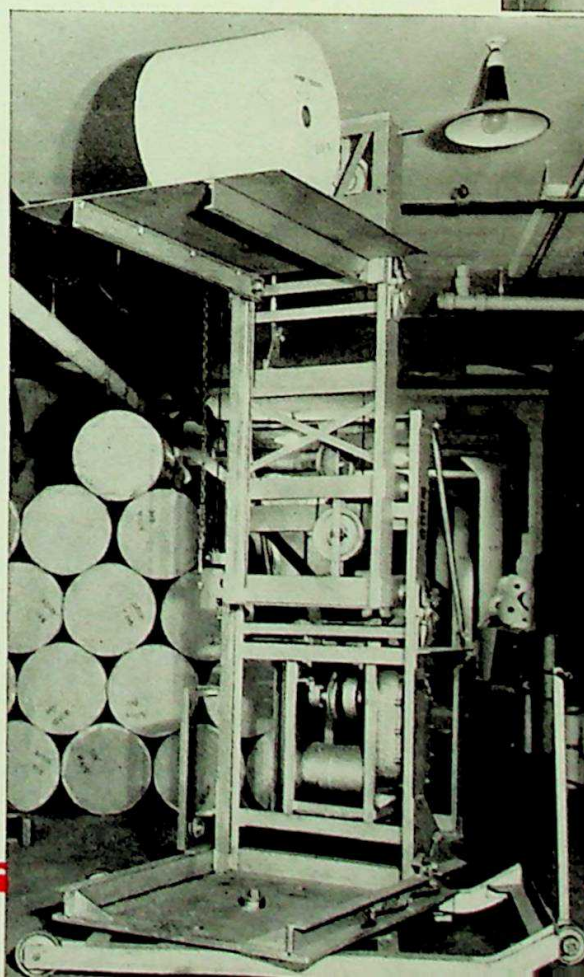
(1) Most portable elevators are made either in the HINGED or TELESCOPIC construction. Either one type or the other suffices. In this installation, both were necessary and so, both were supplied. (2) Because of narrow aisle that did not permit maneuvering the elevator around, a revolving base was incorporated. This permits raising a load to the desired height for piling and then revolving the entire elevator EXCEPT ITS BASE, to the proper unloading position. It is the one way to accomplish the work in a minimum of space.

Other special Barrett Elevators are illustrated in this catalog. Study them. They clearly prove our claim that no piling or lifting job is too complex for Barrett Engineers and Barrett Elevators.

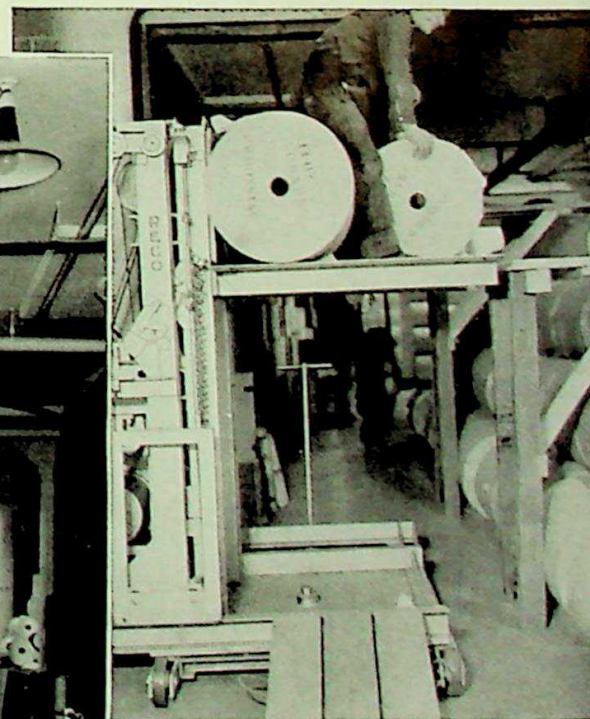
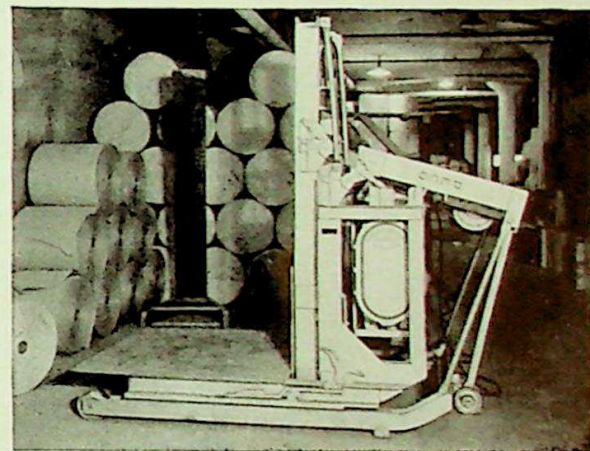
Indicate your needs on Inquiry Page 151, tear it out and mail it in. An immediate quotation ably supported by sketches will follow—all without any obligation or expense to you.

Elevator fully extended and platform at maximum height. Uprights, likewise have been turned or revolved on base.

691E



The elevator fully collapsed and hinges folded down—ready to pass under the lowest overhead obstruction.



690E

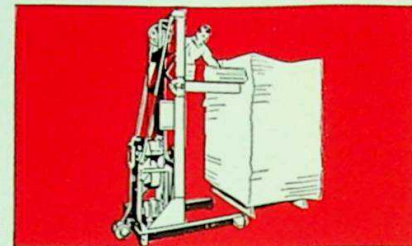
Elevator platform raised to top of intermediate section. Now the telescopic section will start to rise.



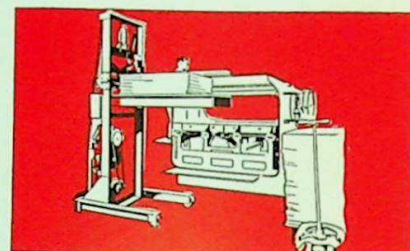
ONE MAN JOBS

Bales—Bags—Sacks—Cases—Crates—Caskets—Trunks—Barrels—Carboys—Kegs—Drums—Firkins—Vats—Skids—or Rolls—regardless of how it is packed and the shape or size of it—in the shop—or market—on the wharf or dock—in the warehouse—factory—depot—plant—or storage—in the handling of merchandise—raw materials—staples—supplies—munitions—equipment—or produce—Barrett Handling Equipment will make it a one man job.

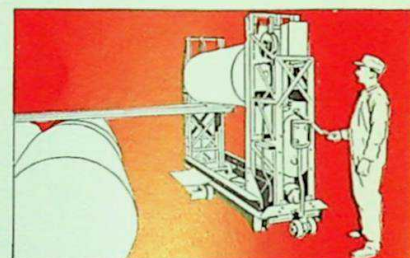
362E



365E

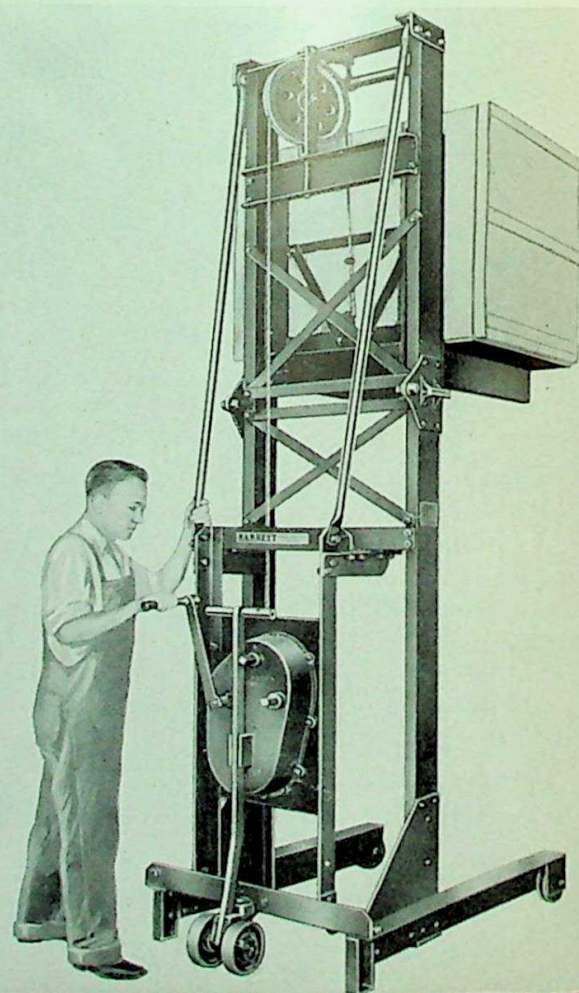


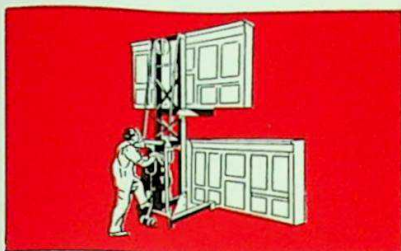
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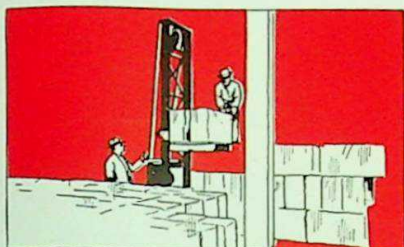
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610E





310E

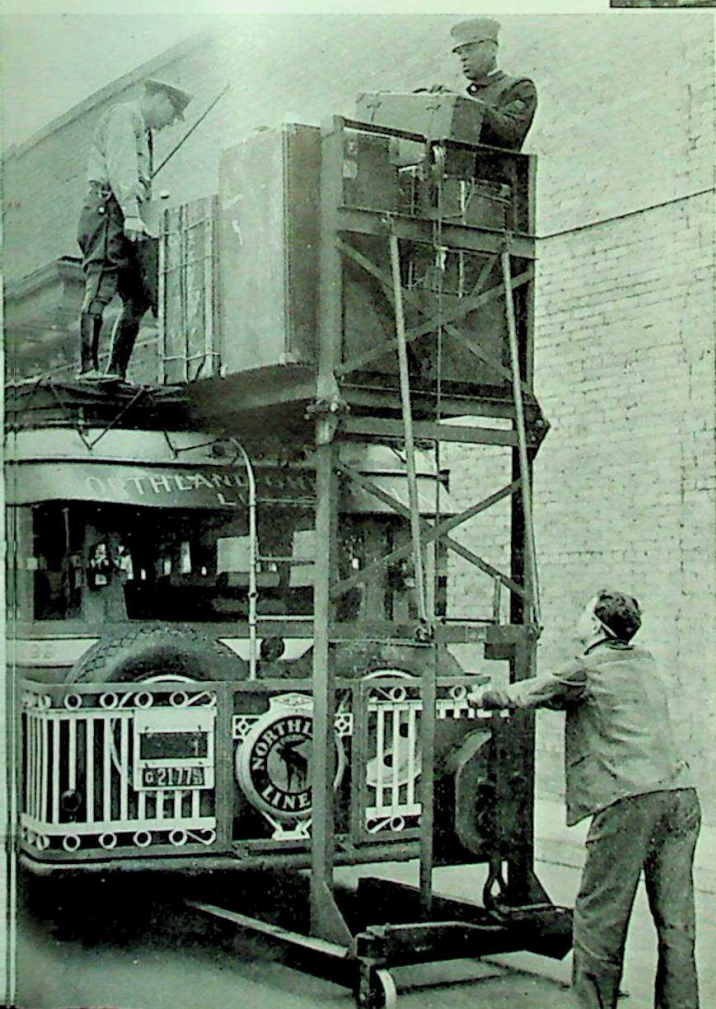
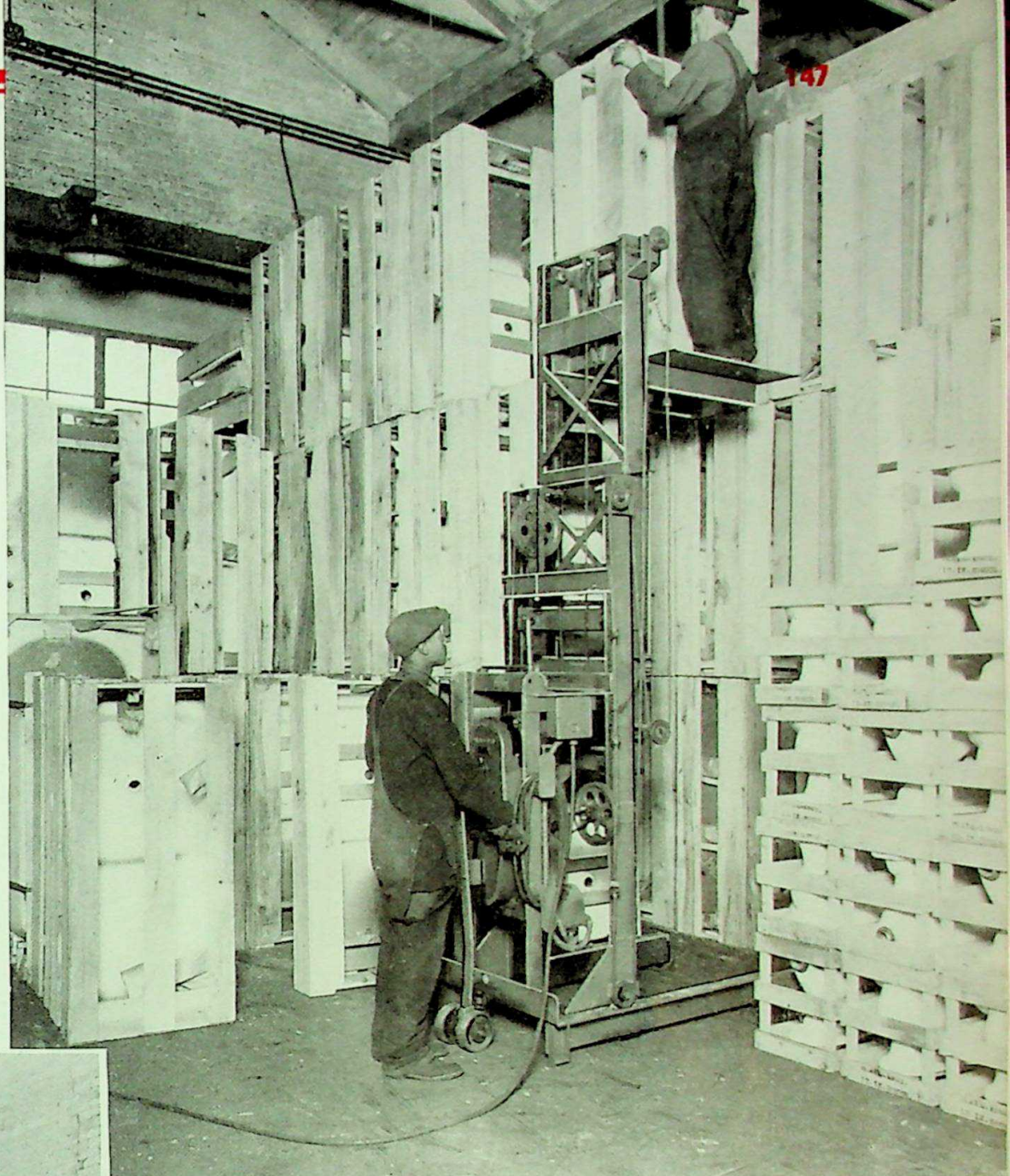


319E



358E

370E

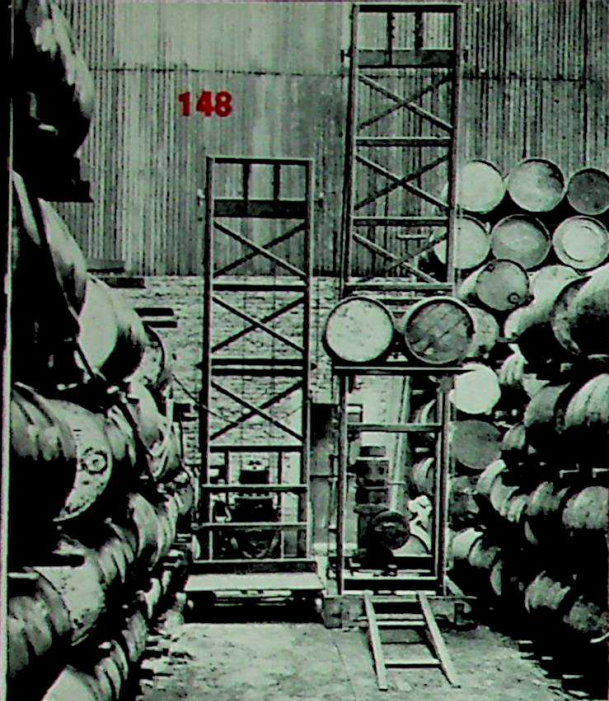


437E

JOBS MADE EASY

For a period of twenty-eight years Barrett Engineers —by research—experiment—and personal contact—in every part of the world—and in every industry —have developed a wealth of information and knowledge in regard to the safe handling of material and equipment. This information and Barrett Handling Equipment saves time — labor — space — and money. It is at your service. Eighty-two sales offices in key cities throughout the United States alone place one man handling jobs as close as your personal telephone.

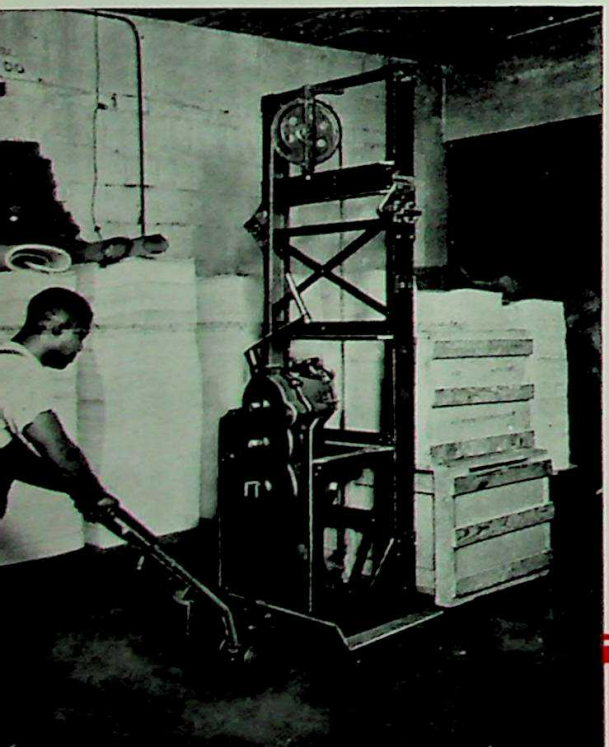
SPECIAL BUILDING MAINTENANCE ELEVATOR



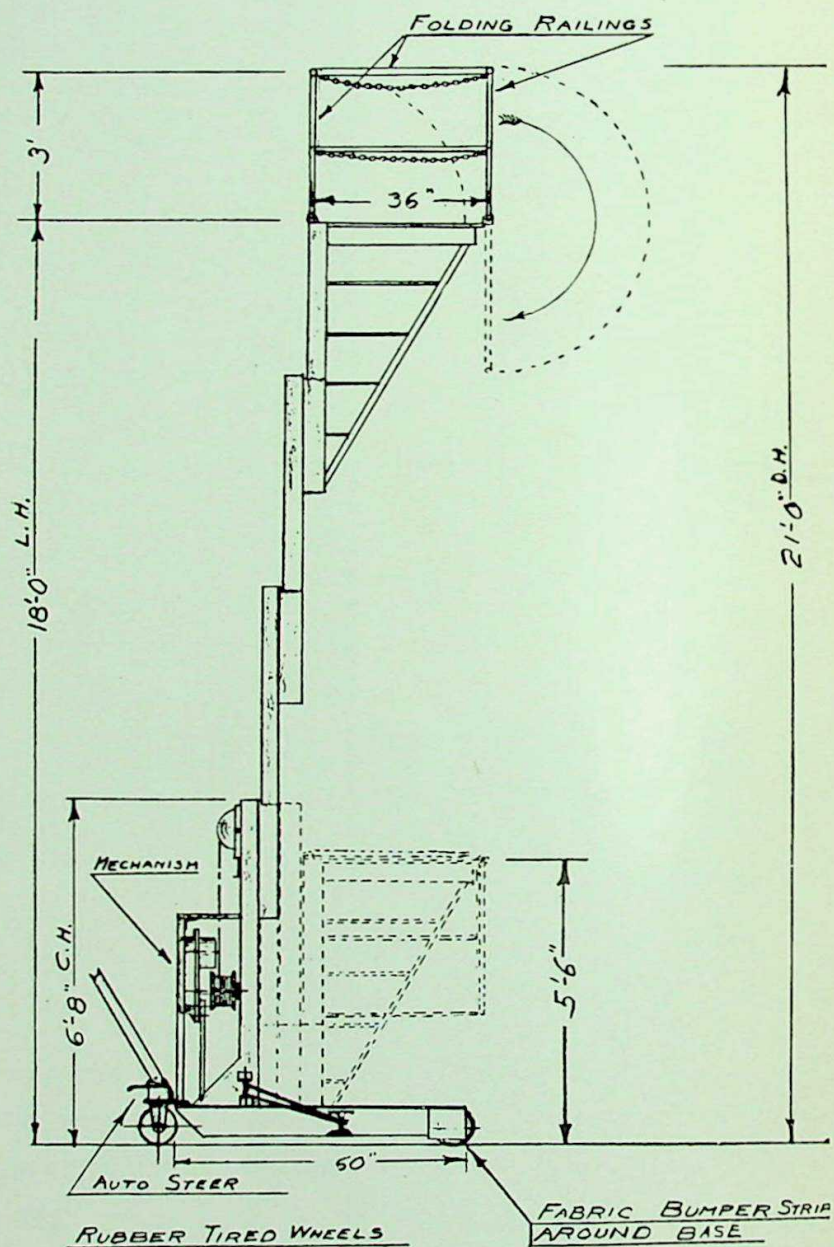
312E



692E



364E

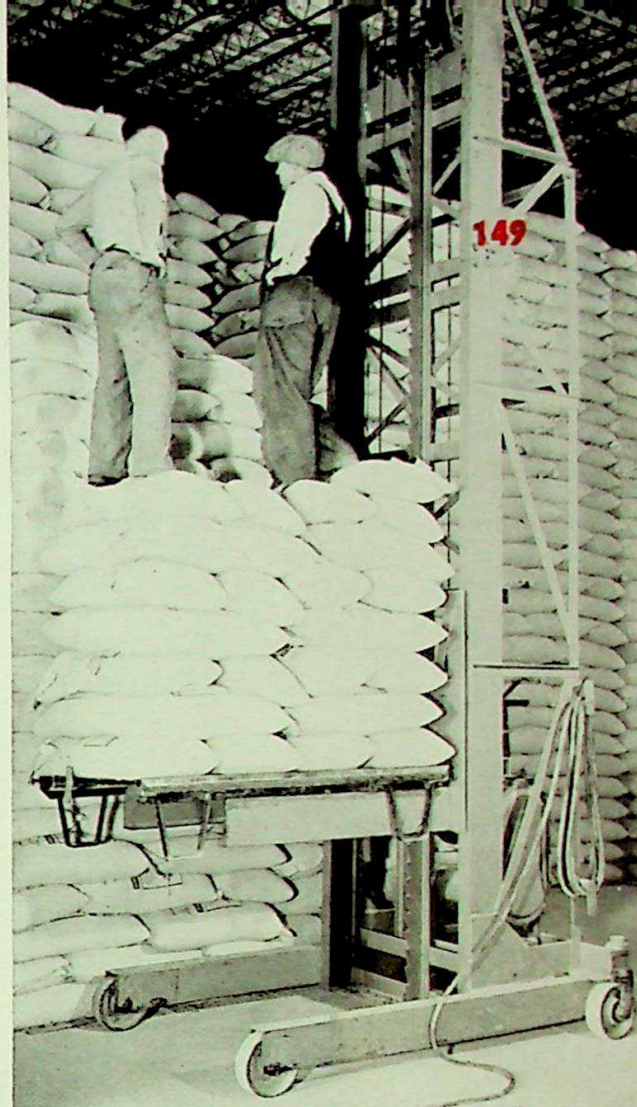
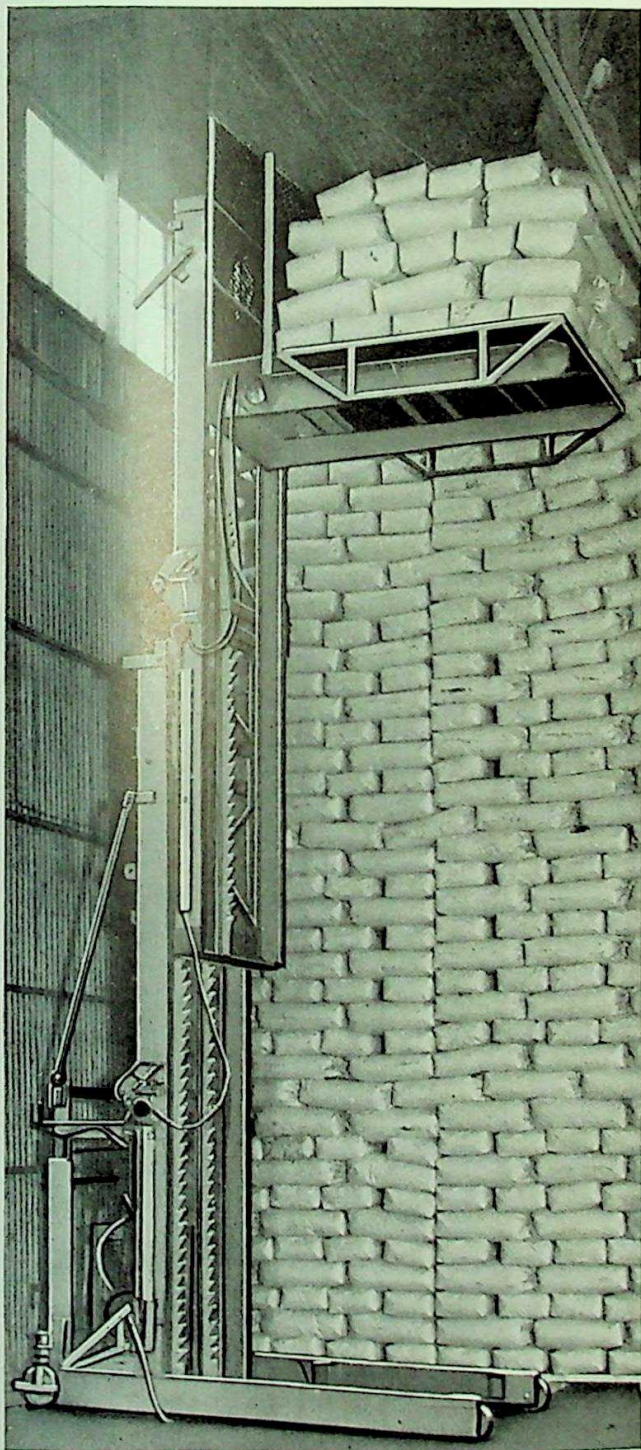


611E

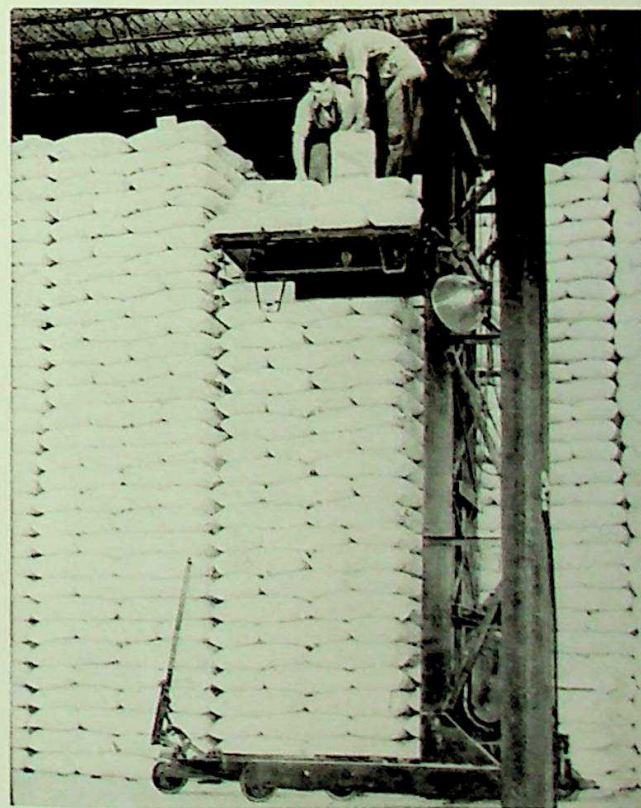
This is the diagram of a special maintenance elevator—for cleaning overhead light fittings—replacing lamps—and doing any other odd job that is necessary where the old fashioned step ladder might be dangerous. Intended for all types of public buildings.

639-E. A Barrett Portable Elevator designed to pick up loaded Barrett Lift Truck Steeleg Platforms and raise them to the desired piling height. This heavy duty unit is equipped with Cable Safety Device to eliminate the Platform dropping in the event that the Cable breaks.

635-E. Electrically Operated Telescopic Elevator equipped with a special operator's platform. This elevator is controlled from the Platform by the operator—push button type. The saw tooth racks are the cable safety device which eliminates the Platform dropping in the event the cable breaks.



637-E. This complete Barrett installation consists of a Barrett Portable Elevator, Barrett Lift Truck and Barrett Steeleg Platforms. All overhead space is utilized—and, all unnecessary piling and repiling, loading and reloading are eliminated through the combined use of the Lift-Truck system and Portable Elevator.

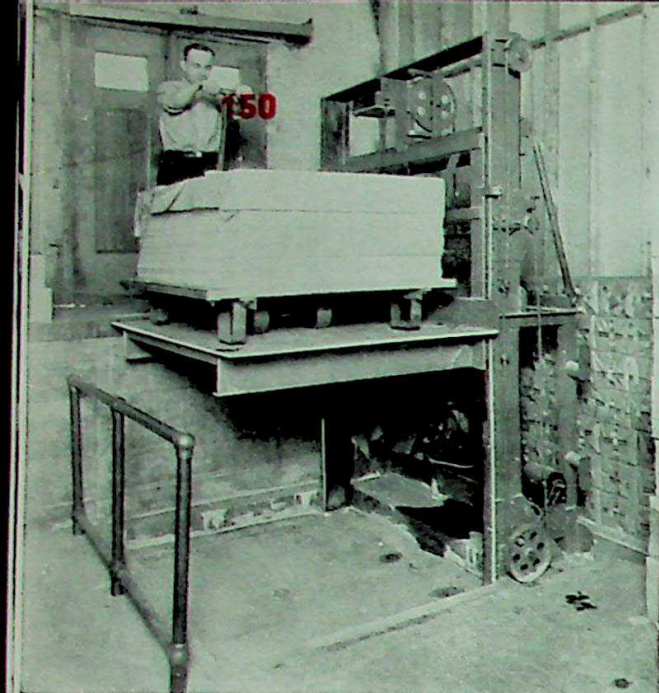


PLATFORM LOADING AND BALCONY **ELEVATORS**

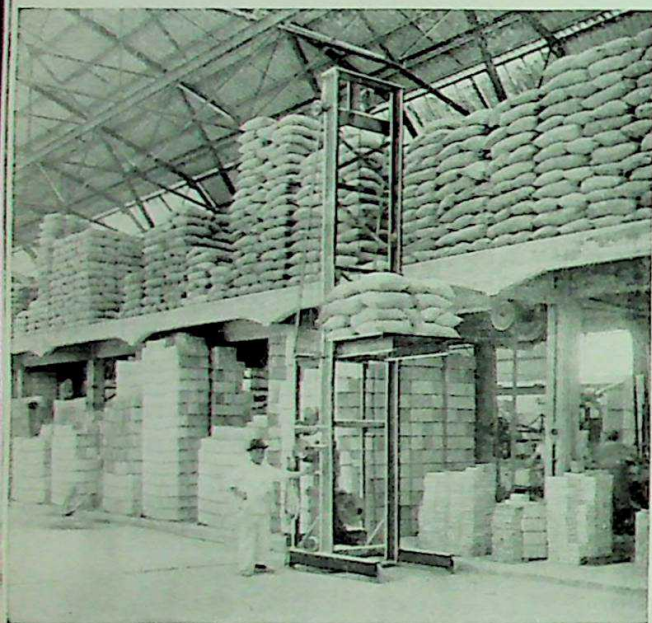
Many concerns encounter serious difficulty in getting materials from their loading platform to the plant floor because of the different levels. Usually loading platforms are motor truck high and occasionally the plant floor is some three or four feet below. Ramps are not practical because they have to be too long in order to require little effort in trucking up them. The best solution is the installation of a Barrett Elevator.

Sometimes we encounter factories made up of two or more buildings with a difference in floor levels. Then, there might be high balconies reached only by long ramps or stairs—both problems can be solved by the service of a Barrett Elevator. With the added advantage of lifting the load exactly where it is wanted—because the Barrett Elevator can be moved along the entire balcony. This enables the use of all overhead space. There is no need to save room for runways.

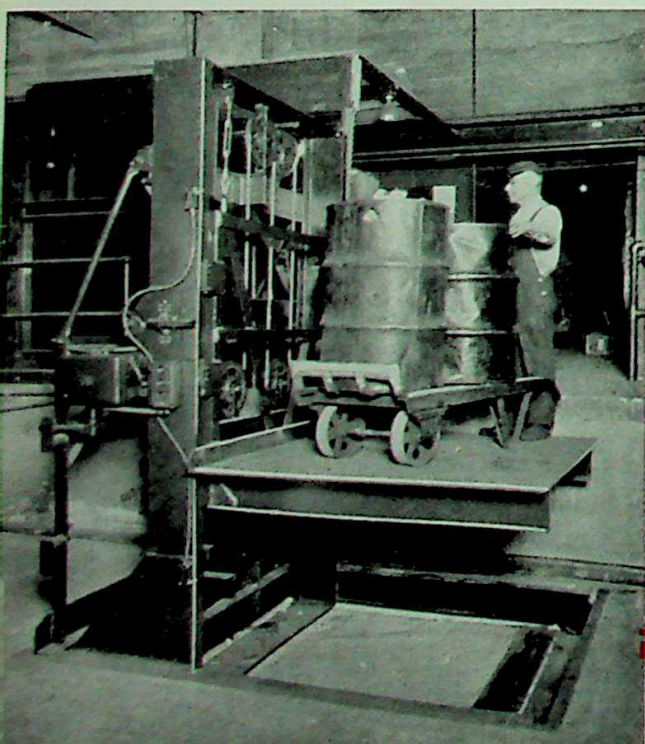
Often times, a warehouse with a high ceiling can be equipped with a balcony and thereby provide additional floor space. Then a Barrett Elevator pays its way by serving this balcony in addition to other piling jobs elsewhere in the warehouse.



326E

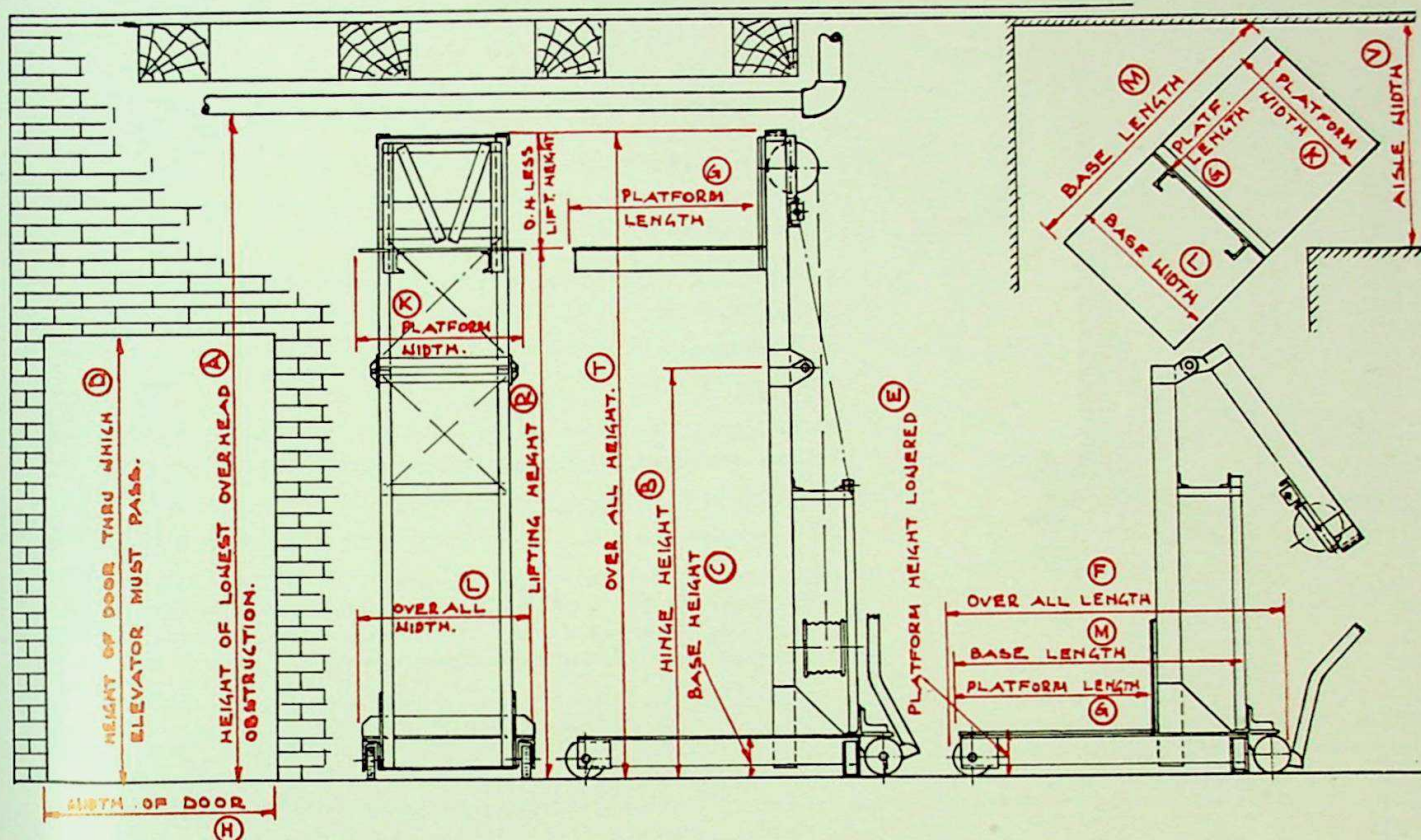


329E



328E

How to Specify the Proper Elevator



SPECIFICATIONS

IMPORTANT—When inquiring or ordering—be sure to supply the information requested in the following questions:

1. Maximum weight of load to be handled.....lbs.
2. Nature of load to be handled: (Check ☐) boxes, bales, sacks, crates, barrels, etc.; give width.....in. length.....in.; height.....in. If round object give diameter.....in.; height.....in.
3. Height of lowest doorway through which elevator must pass (D).....in.
4. Width of doorway through which elevator must pass (H).....in.

5. Maximum piling or lifting height desired (R).....ft.in.
6. Height of lowest overhead obstruction under which elevator must pass (A) Regularly.....ft.in.; occasionally.....ft.in.
7. Platform length (G).....in. Width (K).....in. Height (E).....in.
8. Minimum width of aisles in which elevator must operate (V).....in.

If Electrically Operated Elevator Is Desired the Following Additional Information Is Necessary

1. Current: A.C.....D.C.....Voltage..... Phase.....Cycle.....
2. Whether to be operated from power line.....or light line.....(only $\frac{1}{2}$ horse power can be operated from

ordinary light line).

3. Lifting speed of platform desired in feet per minute.....
4. Length of electric cable desired.....ft. (25 ft. standard).

If Elevator Is to Be Used With Your Lift-truck System, the Following Additional Information Is Necessary

1. Height of lift-truck in lowered position.....in.; length.....in.; width.....in.
2. Clearance between skid (or platform) runners (or legs).....in.

3. Overall width.....in. and length.....in. of skid or platforms.

After you have filled out this information, you will be able to quickly turn to the page devoted to the elevator of the capacity you require and from that page can ascertain what overall height the elevator will be, for the lifting height you desire, the size platform, speed, if electrically operated, etc.

If, however, you do not desire to specify your own machine, suppose you merely supply us the above information. Upon receipt of it, we will be only too glad to send you a blue print showing the detail specifications of the machine—together with our quotation.

HOISTS

HAND OPERATED

500 TO 2000 LBS. CAPACITY



614E

SAFETY—Barrett Hoists are safe for men and materials—every precaution has been taken in design and construction. Cut gears are fully enclosed—no mashed fingers, torn clothing or damaged stock. The Governor Control insures a uniform descent, reduces strain on the gears, does away with juggling of brakes and prolongs the life of the hoist.

LOW COST—An important thing to remember is the low initial cost—the low upkeep cost—and the long life that can be expected.

Barrett Hoists fit anywhere, handles anything, and pays for itself many times over.

Tell us your problem and we will specify the correct size Hoist and quote prices.

There are two hand speeds—a slow, easy one for heavy loads, and a fast, high gearing for light loads. It is only necessary to crank the load while going up—it comes down on the governor at a uniform, fully controlled speed.

The cut spur gears are fully enclosed and running in oil, out of the dust and dirt and away from the reach of careless workmen.

Two sheaves and necessary steel cable are shipped with each hoist. Extra sheaves and cable are available at a slight additional cost.

APPLICATION—Barrett Hoists are indispensable for raising and lowering boxes, barrels, crates, bundles, bales or any other product from one level to another by the simple and direct means of a hand crank, speed and operating efficiency show a big saving over the old block and tackle method.

SPECIFICATIONS—HAND

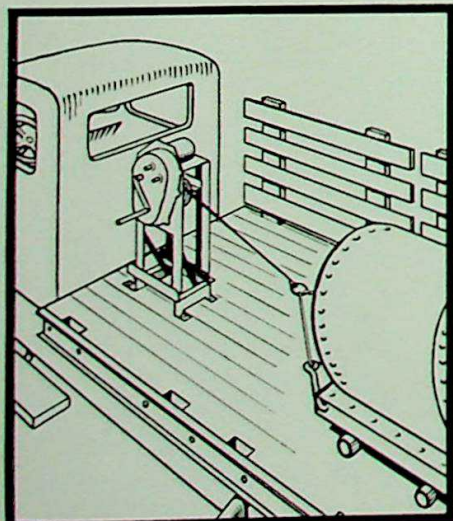
Overall height	44 inches
Width	15 inches
Depth (without crank handle).....	19 inches
Depth (with crank handle).....	27½ inches
Lifting speed—approximate and based on 60 R.P.M. of crank handle.	

500 lbs. 7.0 ft. Min. at 60 R.P.M. of crank handle.
750 lbs. 7.0 ft. Min. at 60 R.P.M. of crank handle.
1000 lbs. 5.3 ft. Min. at 60 R.P.M. of crank handle.
1500 lbs. 3.5 ft. Min. at 60 R.P.M. of crank handle.
2000 lbs. 2.5 ft. Min. at 60 R.P.M. of crank handle.

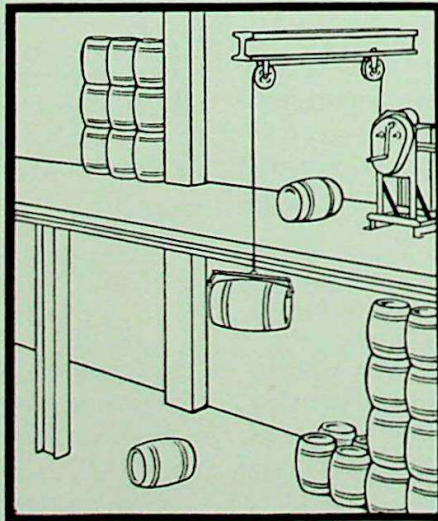
CAPACITIES	500	750	1000	1500	2000
1 turn of crank lifts platform	1⅝"	1⅝"	1 1/16"	13/16"	½"
Pressure on handle	16 lbs.	22 lbs.	22 lbs.	22 lbs.	22 lbs.

Number of strands—500, 750 and 1000 lbs.....	Single
Number of strands—1500 and 2000 lbs.....	Double
Sheave furnished	2
Sheave diameter	6 inches
Cable furnished	As required
Overload permissible	25%
Governor control.	
Cut spur gears.	

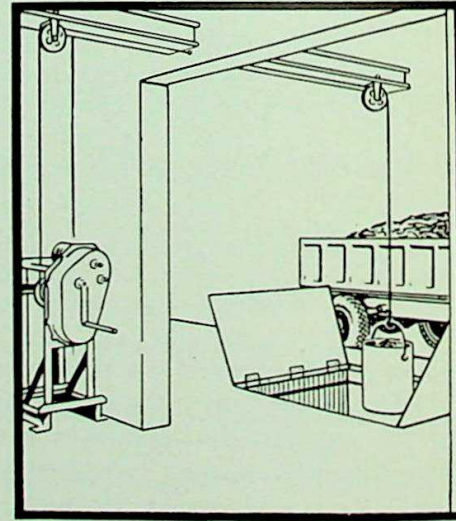
All gears fully enclosed.
Two hand speeds.



616E



650E



651E

HOISTS

ELECTRICALLY OPERATED

500 TO 2000 LBS. CAPACITY

The Barrett Electric Hoist is made in the same capacities as the Hand Hoist, and can be equipped with either a $\frac{1}{2}$, 1 or 2 Horse Power motor. The $\frac{1}{2}$ Horse Power motor can be run from an ordinary light socket.

Barrett Electric Hoists are the finest money can buy. The unit is Ball Bearing throughout—and a self contained one. This is possible because of the directly connected motor that eliminates the use of chains and belts. The cut spur gears are fully enclosed and running in a torrent of oil. The directly connected motor is ball bearing and the solenoid brake is integral. Control is by means of a 3-button switch—up—down—stop. A grooved cable drum insures a uniform lay of cable. Brackets for attaching, two sheaves, required steel cable and 10 feet of heavy rubber insulated conductor cord are shipped with each hoist.

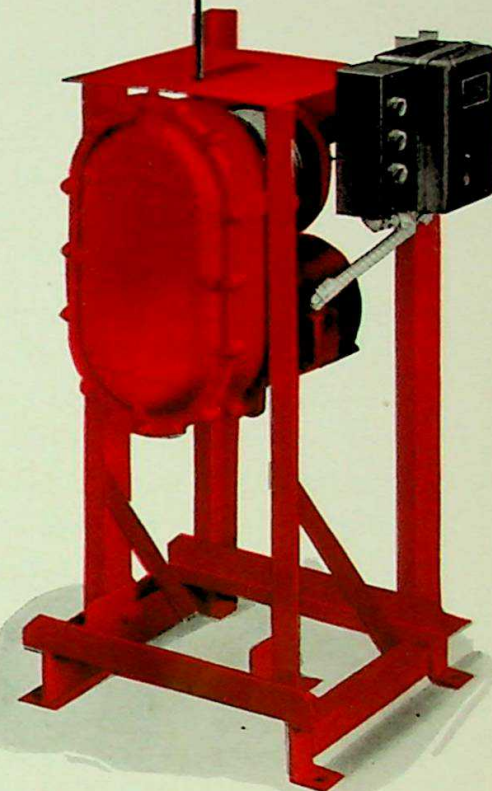
APPLICATION—Consider the wasted time, effort and inconvenience involved when you store materials on the second floor or balcony when no freight elevator is available. A Barrett Hoist will hoist materials for you with ease, safety and dispatch.

The difficult task of raising containers of ashes or refuse from the basement to the sidewalk level can be quickly handled with a Barrett Hoist.

A casual survey of any business reveals one or more applications for a Barrett Hoist. The illustrations below may offer a suggestion. Other uses also apply.

Such accessories as clips, locks, swivels and tongs lend themselves readily to any Barrett Hoist and are carried in stock.

615E



SPECIFICATIONS—ELECTRIC

SPEEDS

STANDARD— $\frac{1}{2}$ OR 1 H.P.

STANDARD—2 H.P.

Overall height	39 inches.....	42 inches
Width	14 inches.....	17 inches
Depth	15 inches.....	19 inches

Cut spur gears—all gears totally enclosed and running in oil.

Ball bearing hoist—Ball bearing motor.

Direct motor drive—No chains or belts.

Electric solenoid brake—Thermal overload switch.

Conductor cable.

Slack cable switch.

Top limit switch.

Capacity	$\frac{1}{2}$ HP	1 HP	2 HP
500	30	60	95
750	20	40	65
1000	15	30	48
1500	10	20	32
2000	7	15	24

Number of strands—500, 750 and 1,000 lbs....1 or 2, depending on H.P.

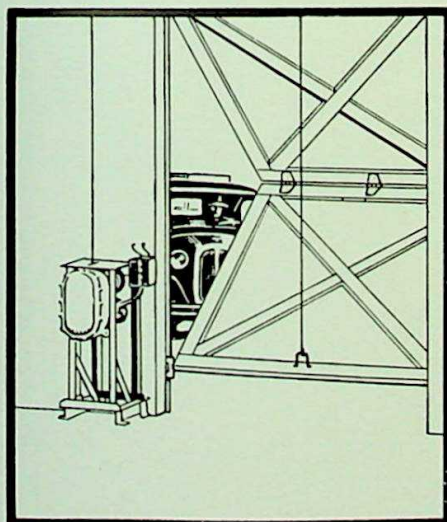
Number of strands—1,500 and 2,000 lbs....1, 2 or 3, depending on H.P.

Sheaves furnished 2

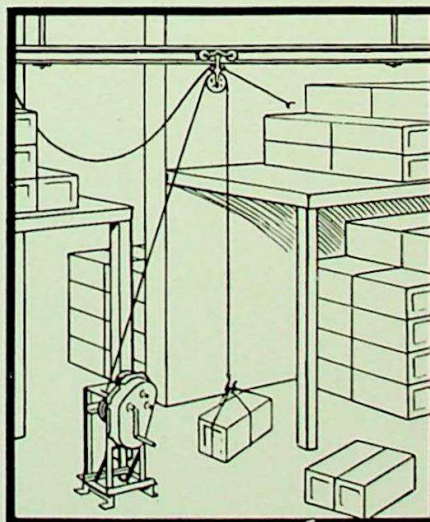
Sheave diameter 6 inches

Cable furnished.....As required

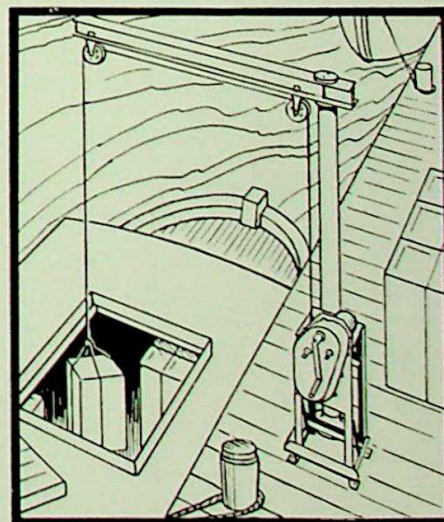
Overload possible25%



619E



620E



621E

PORTABLE CRANES

FIXED OR REVOLVING BOOMS

Fixed or Revolving Booms
500 to 5000 lbs. Capacity
Hinged or Telescopic Uprights
Hand or Electric Types

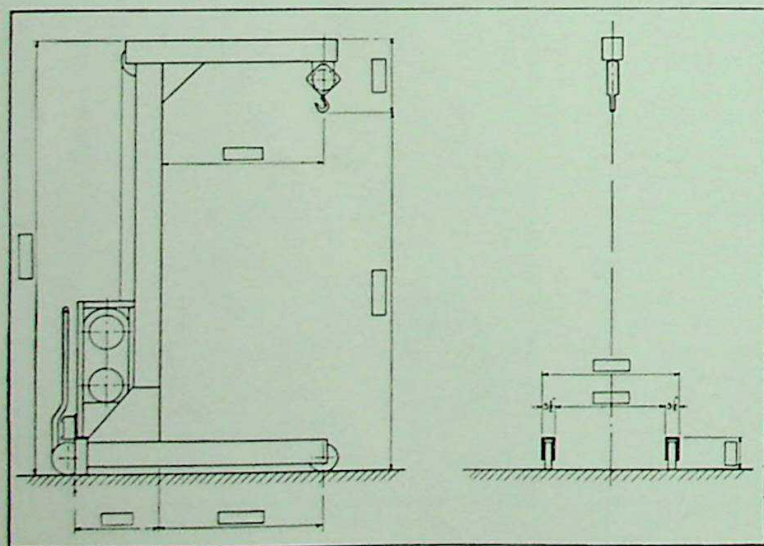
Another example of Barrett ingenuity in designing handling equipment is the Barrett Portable Crane. This handy mobile unit can make most lifting and piling tasks easy. It has a well defined place in any plant or warehouse to assemble or dismantle machinery, load or unload auto trucks and to pile castings, barrels, heavy crates, boxes and bales. It does not have to be loaded—it picks things up.

A Crane's greatest advantage lies in the ability to reach over the first, second or third rows of piled material and pick up a desired lot behind them. With it, heavy materials are handled easily, and without danger to the operator.

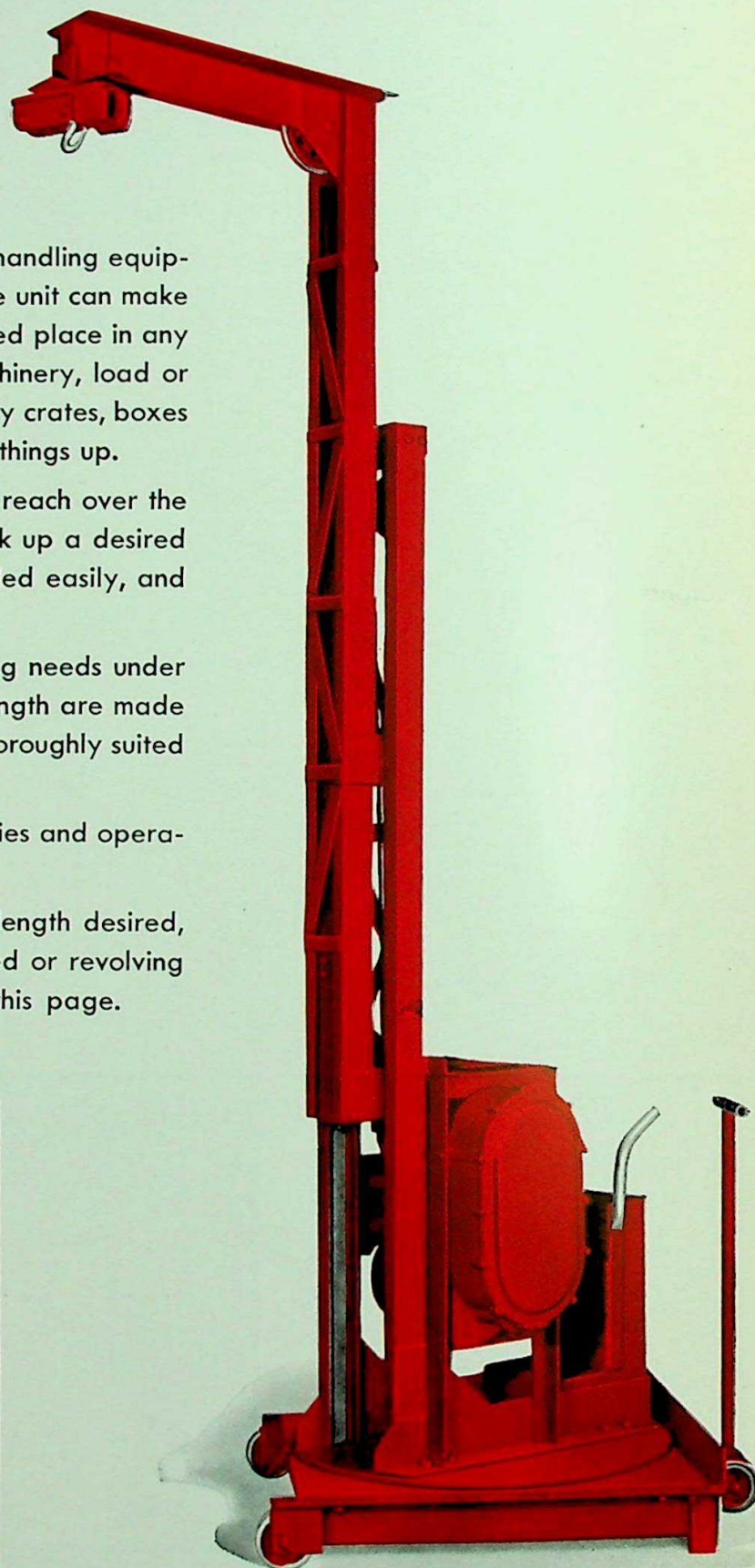
Each Barrett Crane is designed to meet the exacting needs under which it will operate. The lifting height and boom length are made to suit your needs. Hence, it is highly efficient and thoroughly suited to the work imposed upon it.

For further information with regard to types, capacities and operation refer to the next page.

For added data or a quotation send us the boom length desired, lifting height required, capacity and whether a fixed or revolving boom is preferred—as indicated in the sketch on this page.



629E



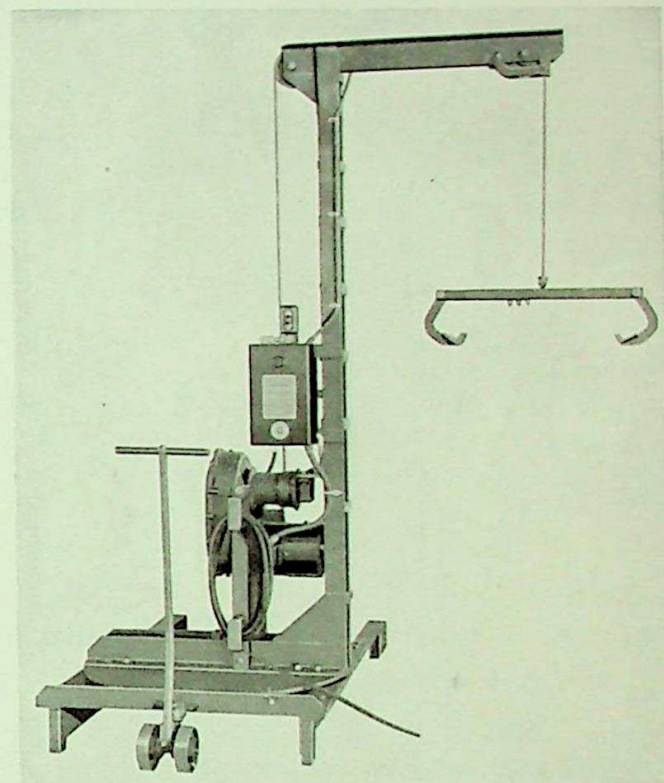
630E

PORTABLE CRANES

FIXED OR REVOLVING BOOMS

500 TO 5000 LBS. CAPACITY
HINGED AND TELESCOPIC UPRIGHTS
HAND OR ELECTRIC TYPES

Barrett Portable Cranes can be had in capacities of 500 to 5000 pounds. The lifting height can be made to suit the existing need. In cases where the lifting height is greater than the headroom available in other parts of the plant, where the crane is to be used, a telescopic feature is employed. In that manner, lifting and piling can be accomplished under varying roof or ceiling heights. In the absence of the varying overhead heights, Barrett cranes are non-telescopic and merely hinged so the upper portion may be "folded" down when



422E

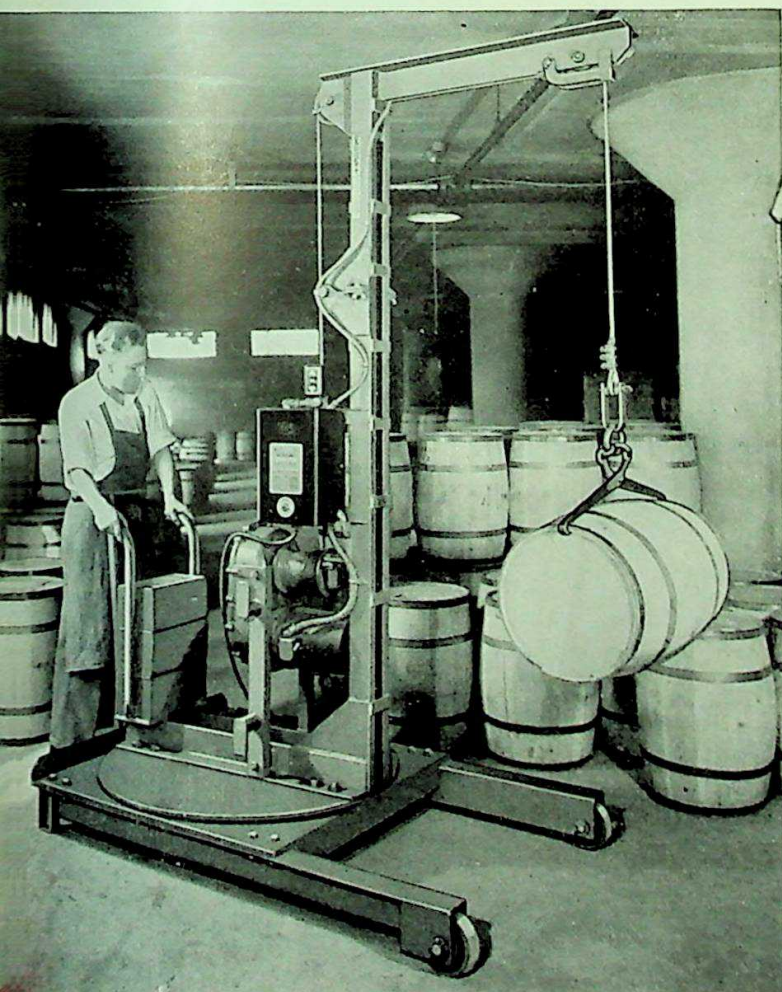
passing through doorways or under any other low overhead obstruction.

The boom can be fixed or revolving. In the case of the revolving type a full 360 degree revolution can be made with the boom—the base remaining fixed. Ample counterweighting eliminates hazard of tipping.

Either a hand or an electrically operated hoist is available. In both instances, the efficient hoists used on Barrett Elevators are used. They are described elsewhere in this catalog.

All Barrett Cranes come equipped with a plain crane hook. Special "grapples" as illustrated here can also be had—at a slight additional cost.

424E



HOOP TYPE**BARREL TRUCK**

BT-5

Trucker tilts truck in upright position to cause hoop to fall around barrel. An easy, natural movement.



BT-3

A slight tug on the truck handles tilts barrel against truck—ready to be trucked away. Note—Barrel has not been lifted—just tilted.



BT-1

Lowering truck handles to comfortable trucking position puts barrel on truck and the operator is ready to proceed to destination.

An all steel Barrel Truck designed to handle steel or wood barrels, regardless of weight (up to 800 lbs.) or size of bilge and with either loose or solid contents.

The design is such that in loading and unloading, the trucker does not even as much as touch the barrel. Scientific design places the entire load on the truck and not the trucker. Men can handle barrels all day on a Barrett Barrel Truck without undue fatigue.

Equipped with Hyatt Roller Bearings for easy rolling.

Safe—efficient—practical and long lived.

FREE TRIAL

Barrett Barrel Trucks are available for 15 days FREE TRIAL so that the full advantages of this truck can be gained first hand.

SPECIFICATIONS

Capacity	800 lbs.
Wheel diameter	9"
Width, over-all	25½"
Length, over-all	60"
Hoop diameter	23¾"
Weight	80 lbs.

All steel constructed. Electric welded. Made to last a lifetime, even under severe usage.

The easiest to use, slickest, fastest and safest barrel truck you can put in the hands of your truckers.

Order one for trial today.

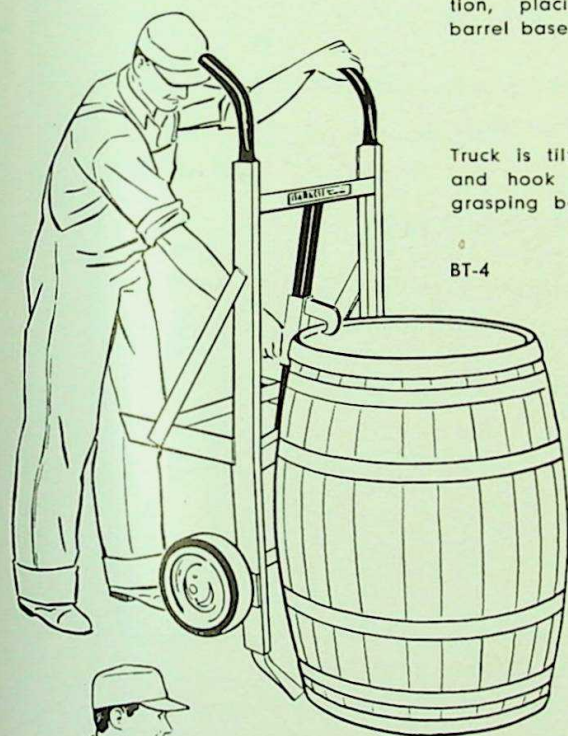
HOOK TYPE

BARREL TRUCK



BT-6

Trucker wheels truck into position, placing toes against barrel base.



Truck is tilted against barrel and hook slid down, firmly grasping barrel chime.

BT-4



Lowering truck handles to natural trucking position places barrel on truck, ready for destination.

BT-2

The Barrett Hook Type Barrel Truck handles drums and barrels up to 800 pounds in weight. Only 19 $\frac{3}{4}$ inches in width, this truck is ideally suited for use in narrow aisles and the limited space between barrels.

Operation is Simple and Efficient. Tilt the truck to an upright position against the barrel, slide the hook down on the barrel top and lower the truck with the barrel securely held in place, ready for destination. It's that Easy!

A double pronged hook—operating smoothly on a lubricated supporting tube—assures firm chime grasp on all size drums and barrels.

SPECIFICATIONS

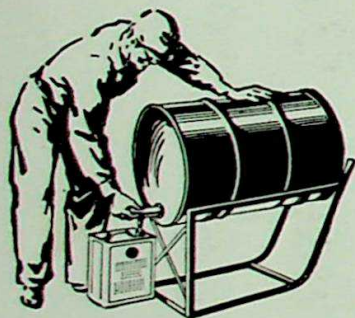
Capacity	800 lb.
Wheel, diameter	9 in.
Width, overall	19 $\frac{3}{4}$ in.
Length, overall	60 in.
Weight	90 lb.

All steel constructed—Electric welded—Equipped with Hyatt bearings. This barrel truck is built to give life-time satisfaction.

FREE TRIAL

The Barrett Hook Type barrel truck saves time in handling and eliminates all unnecessary labor. Because its performance best illustrates its advantages, we have made this truck available for a 15 day FREE TRIAL. Order the Barrett Hook Type barrel truck today, and judge its performance in your plant and under your particular working conditions.

DRAIN RACKS



The most popular drain rack is the "Barrett Rackerack." This handy rack enables one man to raise drums and barrels to a convenient height and position for draining.

Barrett Rackeracks can be had in two capacities—500 and 750 pounds. Each capacity is made with or without casters. All steel-welded one-piece channel iron frames. The principle of lifting employed, assures safety and quick operation. To raise a barrel, insert toe of Rackerack under barrel or drum, then roll it to horizontal position as shown—a one man job.

A FREE TRIAL will soon convince you of the merits of Barrett Rackeracks. Order one today.

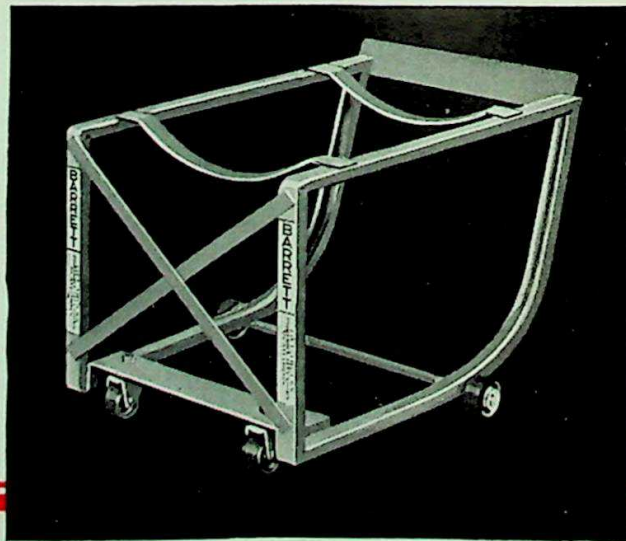
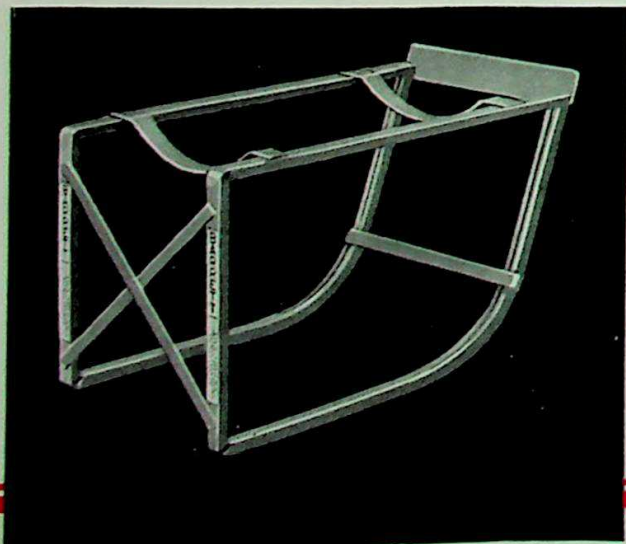
SPECIFICATIONS

Model	Capacity	Height	Height to Low Part of Saddle	Weight
18	500 lbs.	18 $\frac{3}{4}$ "	16 $\frac{1}{2}$ "	25 lbs.
18W*	500 lbs.	20 $\frac{1}{4}$ "	18"	35 lbs.
18HD	750 lbs.	18 $\frac{3}{4}$ "	16 $\frac{1}{2}$ "	29 lbs.
18WHD	750 lbs.	20 $\frac{1}{4}$ "	18"	39 lbs.
24	500 lbs.	24"	21 $\frac{3}{4}$ "	50 lbs.
24W*	500 lbs.	25 $\frac{1}{2}$ "	23 $\frac{1}{4}$ "	60 lbs.
24HD	750 lbs.	24"	21 $\frac{3}{4}$ "	54 lbs.
24WHD	750 lbs.	25 $\frac{1}{2}$ "	23 $\frac{1}{4}$ "	64 lbs.

* W. Model has 2 wheels and 2 casters.

Model 18

Model 18W



TIME SAVERS

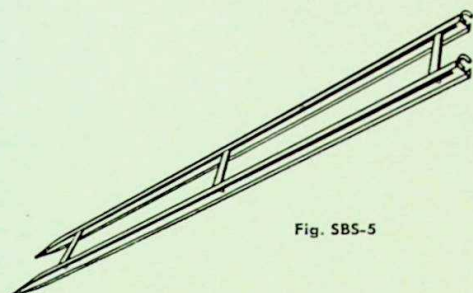


Fig. SBS-5

STEEL BARREL SKID

The latest improvement in Barrel Skids—all-steel, electrically welded. Should last longer—and actually weighs less. Standard 16" width is furnished in four lengths of 6'0", 8'0", 10'0" and 12'0".

FREE TRIAL

BARRETT Barrel Skids are available for (5) five days FREE TRIAL.

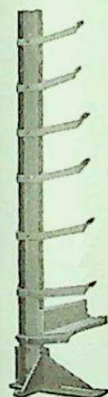
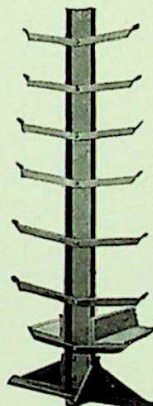


Fig. BST-4



BAR STOCK RACKS

Intended for the storage of long bars of angles, channels, flats, pipe and rods. Made single or double with 7 adjustable arms set at a 10 degree angle. The base is so designed as to place the center of gravity low. Holes are provided to bolt each rack to the floor if desired.

Two racks are recommended for lengths up to 12 feet and three racks for lengths 18 feet and longer. The capacity is limited only to the amount that can be loaded on.

SPECIFICATIONS

Base width; single	16 1/2"
double	28"
Overall height	65"
Arm lengths:—1st and 2nd arm	8"
3rd & 4th	9"
5th & 6th	10"
bottom arm	6 3/4"
Adjustable spacer holes spaced every 3"	
Weight; single	75 lbs.
Weight; double	110 lbs.

SHIPPED KNOCKED-DOWN

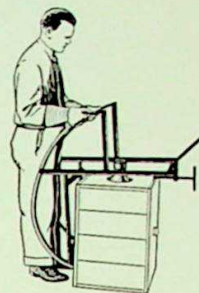
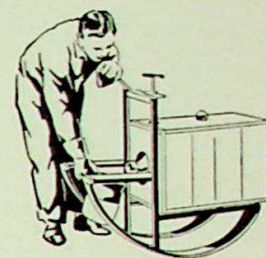


Fig. CP-100



CARBOY POURERS

Provides for an easy and safe method of pouring acids. One man can handle any carboy with complete ease and dispatch. Saves acid, clothing, shoes and time. Available for five days free trial. All steel construction—electric welded throughout. The one safe way to pour acid without waste and with complete safety to operator.

Model	No. CP100
Width, overall	15 1/4"
Length, overall	38"
Height, overall	39 1/2"
Shipping weight	35 lbs.

AVAILABLE FOR FREE TRIAL

Don't forget to write today for a Barrett Carboy Pourer for 5 days FREE TRIAL. There is no obligation.

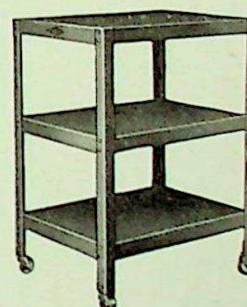


Fig. TS-7

TOOL STAND

The Barrett Tool Stand is of all-steel construction. Made in a convenient height and size, it proves ideal for machinists. Primarily it is intended for tools in constant use, providing a handy place to put them—within convenient reach of the worker.

Can be had with or without casters. Furnished with 2 or 3 trays. Trays can be reversed to provide a smooth top. Shipped knocked-down, and easily assembled with stove bolts furnished. If desired, they can be had fully assembled in all welded construction at slightly higher prices.

SPECIFICATIONS

Height, overall, without casters	32"
with casters	35"
Legs, angle iron	1 1/2 x 1 1/2 x 1/8"
Trays, 16 gauge steel, depth	2"
Length	24 & 30"
Width	18 & 24"
Distance between 2 trays	24"
Distance between 3 trays	11"
Finish—Green enamel	

TIME SAVERS

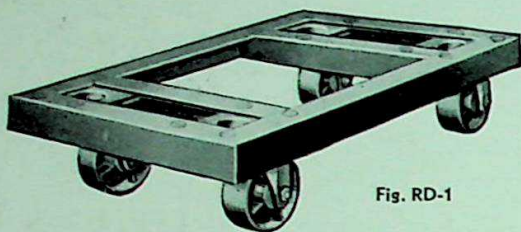


Fig. RD-1

RECTANGULAR DOLLY

For general purpose work. An all-steel rectangular Dolly equipped with four 3" swivel casters that will save time and money. Rigid construction. Should last a lifetime.

Width	16"
Length	24"
Height	4"
Weight, approximate	45 lbs.
Capacity, semi-steel wheels	900 lbs.
Capacity, rubber tired wheels	450 lbs.

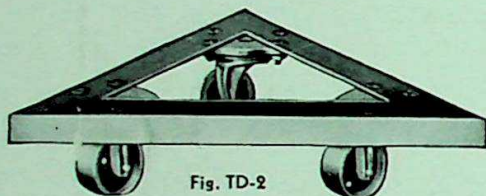


Fig. TD-2

TRIANGULAR DOLLY

This low, all-steel triangular Dolly is just the thing for drums, barrels, kegs, cases and crates. Tilt the load to be handled and shove the Dolly under.

Side dimensions	21" or 24"
Height	4"
Weight	20 lbs. or 30 lbs.
Capacity, semi steel wheels	675 lbs.
Capacity, rubber tired wheels	300 lbs.

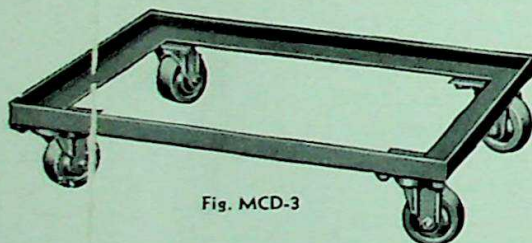


Fig. MCD-3

MILK CASE DOLLY

A heavy angle frame constructed Dolly equipped with four swivel casters. Either semi-steel or rubber wheels available. Made in one, two, three, four and six case sizes. Just the thing to handle milk cases or their equivalent.

SPECIFICATIONS

Number of Stacks	SIZE	Casters
1	15½" x 19½"	4"
2	19½" x 31½"	4"
3	19½" x 46½"	4"

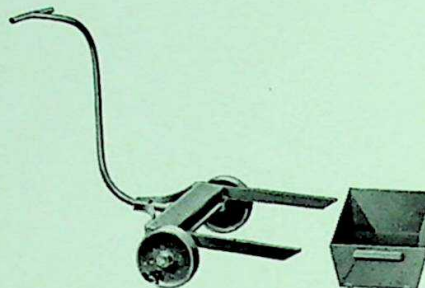


Fig. TBT-13

TOTE BOX TRUCK

This all-steel, electrically welded Tote Box Truck is capable of handling any weight load that can be placed in a Tote Box 22" long by 11" wide. If desired, lightly loaded Tote Boxes can be tiered two, three and four high, and carried on the truck.

The two forks or prongs are spaced just far enough apart to engage the standard size Tote Box. A slight downward pressure on the truck handle lifts the Box off the floor ¼" and provides easy movement.

Forks can be made varying distances apart to accommodate other size Tote Boxes—at a slightly higher price.

SPECIFICATIONS

Standard truck designed to handle Tote Box 22" x 11" x 6";

Truck width	22½"
Fork length	11"
Wheel diameter	5"
Handle, from floor	36"

Roller Bearing equipped—All welded construction.
All steel construction.

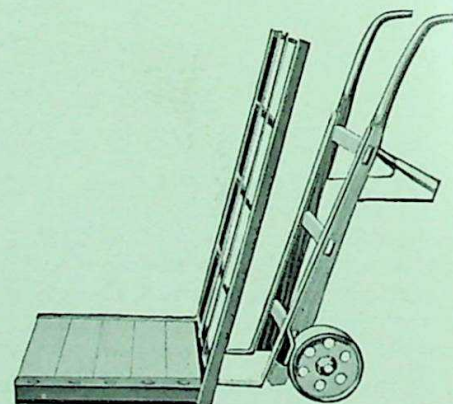


Fig. PU-10

PICK-UP SYSTEM

Eliminate unnecessary loading and unloading and increase the efficiency of your two-wheel hand trucks with Barrett Pick-Up Pallets.

These combination steel and wood Pallets will work with almost any "long nosed" hand trucks. Trucker loads bags, cases, or cartons on Pallet. With a downward tug of the truck handles, the load is picked up and trucked to destination. Trucker merely withdraws his truck and proceeds to next load. No unloading.

The sloping Pallet provides high piling without the danger of dropping packages. Made 30" wide x 24" long x 48" high. Iron bound and hardwood boards.

BARRETT
CRAVENS CO.

LIFT-TRUCKS
SKIDS

PORABLE
ELEVATORS

BARREL TRUCKS
MISCL.

CRAVENS CO.

PATENT OFFICE

JUN 24 1948

DESIGN DIVISION

BARRETT-CRAVENS COMPANY

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